



**US Army Corps
Of Engineers**
Walla Walla District
201 North Third Avenue
Walla Walla, WA 99362-1876

Public Notice of Application for Permit

APPLICATION NO: NWW No. 030600510
(ITD Key No. 7769)

APPLICANT: Idaho Transportation Department, District 2

PUBLIC NOTICE DATE: August 14, 2003

21-Day Notice

COMMENTS DUE DATE: September 4, 2003

Interested parties are hereby notified that an application has been received for a Department of the Army permit for certain work in waters of the United States as described below and shown on the attached plans.

APPLICANT - Idaho Transportation Department, District 2, PO Box 837, Lewiston, Idaho 83501-0837, contact Mr. Zachary Funkhouser at telephone 208-746-4250. For information from the Corps of Engineers, contact Mr. Duane E. Mitchell at 509-527-7156.

LOCATION - Hatwai Creek, Calf Creek, Cow Creek and adjacent wetlands along U.S. 95 between the top of Lewiston Hill (MP 319.85) and Genesee (MP 330.94) in Nez Perce and Latah Counties, Idaho.

WORK - Discharge fill material into 2.75 acres of wetlands and approximately 3.1 miles of stream channels to widen U.S. 95.

CONSTRUCTION PERIOD - Applicant proposes to start construction in the spring of 2004 and anticipates construction to take 4 years. The permit would authorize construction for a period of 5 years.

PURPOSE - To improve public safety and increase highway capacity.

ADDITIONAL INFORMATION - The applicant proposes to widen U.S. 95 from two to four lanes from the top of Lewiston Hill to Moscow, Idaho, in two separate phases. These phases are independent and funded separately and thus, they are considered separate single and complete projects and are being evaluated for separate Department of the Army permits. This Public Notice describes the phase from the top of Lewiston Hill to Genesee. The applicant proposes to widen approximately 7.8 miles of U.S. 95 between the top of Lewiston Hill at MP 319.85 and Genesee at MP 330.94. The phase from Genesee to Moscow is described in the Public Notice for NWW No. 030600520 that is being published concurrently with this Public Notice. That phase extends for a distance of 13 miles, between MP 330.94 at Genesee and MP 343.982 at Moscow. The additional

lanes would improve traffic flow and provide passing lanes for both north and southbound traffic to improve safety. The existing segment of U.S. 95 between the top of Lewiston Hill and Moscow does not meet current American Association of State Highway and Transportation Officials Standards. Deficiencies have been identified as width, clear zones, grade, horizontal and vertical curves, and sight distance. Additional concerns include high-accident locations, access control and insufficient highway capacity.

Approximately 12,433 cubic yards of fill material would be discharged into streams and wetlands along the proposed highway corridor as needed to relocate stream segments away from the new highway alignment, widen the highway and construct additional traffic lanes. Realigning Hatwai Creek and Calf Creek would be conducted in several steps. First, earthmoving, forming and shaping of the new channel will be performed in the driest months of the year (April through October). All work will incorporate temporary erosion and sediment control measures. Open channel work will be performed along the new stream alignment without interfering with the existing creek. The new stream banks created by the stream realignment will be treated against erosion. The methods will be a combination of establishing vegetation and/or protecting the slopes and channel with a geotextile fabric prior to using the new streambed to carry water.

Box culverts will be constructed with as little interference to the existing creeks as possible. New box culvert ends tying into the existing stream will require the stream to be temporarily rerouted so that there is space to accommodate the box culvert construction. New stream banks in those areas will be constructed to move the alignment of the stream to one side. The new slopes and channel will be treated in the same manner as mentioned above.

The Idaho Transportation Department proposes to compensate for filling a total of 5.5 acres of wetlands between the two phases by creating 10.1 acres of wetlands in the Cow Creek floodplain upstream of the U.S. 95 crossing. The mitigation site is located near Genesee in Sec. 14, T.37N., R.5W., Latah County, Idaho. Approximately 0.7 mile of Cow Creek is slated for restoration as mitigation for project impacts. Presently, wetlands along this segment of Cow Creek are dominated by reed canarygrass and the channel is incised which has reduced the available floodplain. The mitigation plan will enhance 1.97 acres of palustrine emergent wetland and create 3.92 acres of palustrine scrub/shrub and 5.59 acres of palustrine forested wetland. The restoration is designed to replace wetlands proposed to be filled and reconstruct the floodplain. See the "Proposed Wetland Mitigation Plan" included with this Public Notice.

AREA DESCRIPTION - U.S. 95 is the primary north-south commercial and commuter link between Lewiston, Moscow, and several smaller towns in Idaho. The project area consists of agricultural land, woodlots, rural residences, and small businesses. Wetlands are located on both sides of U.S. 95 at various locations. The wetland communities are normally adjacent to streams and typically less than 1 acre each. They include both disturbed and relatively undisturbed areas. The majority of the wetlands that would be impacted on this project are palustrine emergent with a smaller portion being palustrine forested. Most of the stream segments to be impacted by the project are already degraded by land use practices or have been altered by the previous construction of U.S. 95.

ANTICIPATED IMPACTS ON AQUATIC ENVIRONMENT - The proposed project would result in the filling of 2.75 acre of emergent and forested wetlands. In addition to the wetlands, approximately 3.1 miles of stream channels will be impacted. These impacts will amount to relocating segments of Hatwai, Calf, and Cow Creeks. Segments of these creeks that intersect the proposed roadway will be placed in culverts. In areas where the roadway is to be widened, existing culverts will be lengthened to accommodate the extra traffic lanes.

Relocated channel segments will be designed, constructed, and revegetated to improve the habitat characteristics of the existing degraded channels.

OTHER AUTHORIZATIONS - Other authorization obtained or requested include, but are not necessarily limited to: National Pollutant Discharge Elimination System (NPDES) permit.

WATER QUALITY CERTIFICATION - This will also serve as public notice that Idaho Department of Environmental Quality is evaluating whether to certify that the discharges of dredged and fill material proposed for this project will not violate existing water quality standards. A Department of the Army permit will not be issued until water quality certification has been issued or waived by the State of Idaho, as required by Section 401 of the Clean Water Act. If water quality certification is not issued, waived or denied within 60 days of this public notice date, and an extension of this period is not granted to the Idaho Department of Environmental Quality, certification will be considered waived. Comments concerning certification for this project should be mailed to: Mr. Kerby Cole, Idaho Department of Environmental Quality, Lewiston Regional Office, Lewiston, Idaho 83501.

CULTURAL RESOURCES - Idaho Department of Transportation (ITD) conducted coordination with the Idaho State Historic Preservation Officer to determine if this activity would affect any sites that are listed on the National Register of Historic Places, or sites that may be eligible for listing on the Register. The ITD determined that no listed or potentially eligible sites would be affected by this activity.

ENDANGERED SPECIES - Coordination is currently being conducted with the U.S. Fish and Wildlife Service and the National Marine Fisheries Service to determine if the activity will have any affect on species designated as endangered or threatened under the Endangered Species Act, or their critical habitat.

ENVIRONMENTAL IMPACT STATEMENT - Preliminary review indicates that the activity will not require preparation of an Environmental Impact Statement. Comments provided will be considered in preparation of an Environmental Assessment.

AUTHORITY - This permit will be issued or denied under the authority of Section 404 of the Clean Water Act.

EVALUATION - The decision whether to issue a permit will be based on an evaluation of the probable impact, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, consideration of property ownership and, in general, the needs and welfare of the people. *In addition, our evaluation will include application of the EPA Guidelines (40 CFR 230) as required by Section 404(b)(1) of the Clean Water Act.

CONSIDERATION OF PUBLIC COMMENTS - The Corps of Engineers is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the

Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

PUBLIC HEARING - Any person may request in writing, within the comment period specified in this notice, that a public hearing be held to consider this proposed activity. Requests for a public hearing shall state specific reasons for holding a public hearing.

COMMENT AND REVIEW PERIOD - Interested parties are invited to provide their comments on the proposed activity, which will become a part of the record and will be considered in the decision. **Comments should be mailed to:**

**U.S. Army Corps of Engineers
Walla Walla District
Regulatory Branch
201 North 3rd Avenue
Walla Walla, Washington 99362-1876**

Comments should be received not later than the comments due date of this notice to receive consideration.

A. Bradley Daly
**A. Bradley Daly
Chief, Regulatory Branch**



ACTIVITY: REALIGN/RELOCATE
APPROXIMATELY
7.8 MILES OF
US HIGHWAY 95
NEAR: CITY OF LEWISTON AND GENESEE
COUNTY: LATAH & NEZ PERCE
STATE: IDAHO

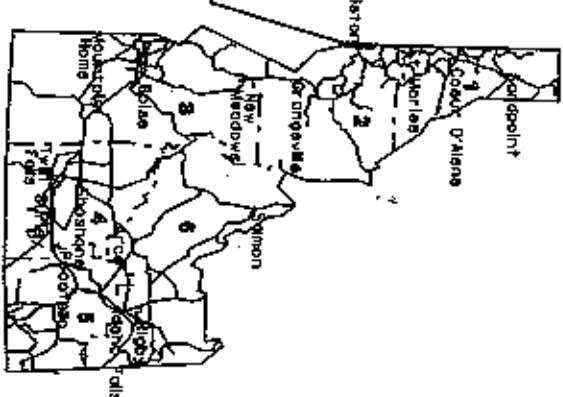
APPLICANT: IDAHO TRANSPORTATION
DEPARTMENT

DATE: JULY 8, 2003

APPLICATION DISPLAYS PREPARED BY:

DAVID EVANS AND ASSOCIATES, INC.
110 WEST CATALDO AVENUE
SPokane, Washington 99201
(509) 327-6897

NH-4110(133)
US 95: TOP OF
LEWISTON HILL
TO GENESEE



VICINITY MAP SCALE	IDAHO TRANSPORTATION DEPARTMENT	PROJECT NO.	PLAN	Metric
0 1 2 3 MILES		NH-4110(133)	US-95 TOP OF LEWISTON HILL TO GENESEE	COUNTY NEZ PERCE & LATAH RF NUMBER 7769

WETLAND IMPACT SUMMARY TABLE

WETLAND *	TYPE	EXISTING WETLAND AREA (ACRES)	IMPACTED WETLAND AREA (ACRES)
OR CULVERT STATION			
STA. 1018+25	PEM	0.01	0.01
STA. 1020+20	PEM	0.04	0.01
STA. 1021+20	POWHx	0.30	0.27
STA. 1048+50	PEM	0.47	0.04
STA. 1049+20	PEM	0.32	0.01
STA. 1078+00	PEM/PFO	0.20	0.18
STA. 1079+00	PEM	1.21	0.79
STA. 1097+50	PFO	3.59	0.47
STA. 1098+50	PEM/PFO	0.89	0.78
STA. 1138+20	PEM	0.20	0.07
STA. 1140+65		0.27	0.04
STA. 18+28.789			0.01
STA. 20+50.593			0.02
STA. 1048+82.363			0.01
STA. 78+68.655			0.01
STA. 1097+51.581			0.01
STA. 106+91.454			0.02
TOTAL IMPACT TO WETLANDS		7.50	2.75

DATE: JULY 6, 2003	PROJECT NO.	PLAN	METRIC
TRANSPORTATION DEPARTMENT	NH-4110(133)	US-95 TOP OF LEWISTON HILL TO GENESEE	COUNTY NEZ PERCE & LATAH KEY NUMBER 7769
DAVID EVANS AND ASSOCIATES, INC.			

CREEK AND STREAM IMPACT SUMMARY TABLE

CREEK OR STREAM NAME	BEGIN STATION OF CHANNEL CHANGE	END STATION OF CHANNEL CHANGE	PROPOSED REPLACEMENT CHANNEL TYPICAL SECTION MM.	TOTAL REPLACEMENT CHANNEL LENGTH/ CHANNEL CHANGE/ TYPICAL SECTION MM.	TOTAL IMPACTED CHANNEL LENGTH/ CHANNEL CHANGE/ TYPICAL SECTION FEET	TOTAL IMPACTED AREA (ACRES)	TOTAL FALL BELOW MARK IN EXISTING WATER COURSE (CUBIC YARDS)
HAWAII	1016+81.938	1017+68.585	1	236	342	0.13	423
HAWAII	1021+55.564	1022+60.840	1	283	151	0.46	194
HAWAII	1022+00.600	1023+00.601	1	1933	2183	0.34	2700
HAWAII	1023+00.600	1025+02.179	2	678	937	0.34	1100
HAWAII	1041+92.768	1043+77.9621	3	1129	1046	0.40	1293
HAWAII	1053+73.15?	1055+92.333	3	1362	1205	0.46	1491
HAWAII	974+74.207-	98+20.93	3	177	290	0.11	359
HAWAII	68+20.000	68+02.001	3	614	829	0.24	761
HAWAII	15+63.198-	16+00.000	3	457	459	0.07	112
HAWAII	76+00.000	78+20.386	5	463	424	0.16	525
HAWAII	79+04.651	1008+21.410	5	538	341	0.21	611
UNKNOWN STREAM	1093+22.838	1101+60.000	6	779	614	0.14	149
UNKNOWN STREAM	1101+60.000	1102+53.040	6	367	293	0.05	50
UNKNOWN STREAM	105+91.368	107+30.000	7	521	410	0.07	16
UNKNOWN STREAM	107+00.000	114+00.000	7	2646	2044	0.33	340
UNKNOWN STREAM	114+00.000	118+46.635	7	1381	1651	0.29	281
CALF	1118+79.883	1120+20.000	1	460	515	0.16	420
COW	1104+52.576	1108+25.341	4	605	626	0.35	9
CALF	1128+20.000	1123+30.824	1	1018	946	0.10	171
CALF	1122+81.496	1133+74.223	1	520	552	0.27	594
	TOTAL			16,019	16,381	5.02	12,433

DATE JUN 8, 2003

CAFD FILE NAME:
100702354-404 PERMIT/176851SLDNIDAHO
TRANSPORTATION
DEPARTMENT

PROJECT NO.

PLAN

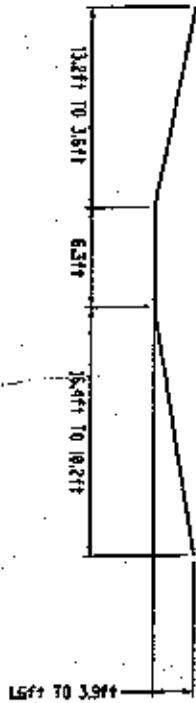
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NH-41101133

US-95 TOP OF LEWISTON HILL

TO GENESEE

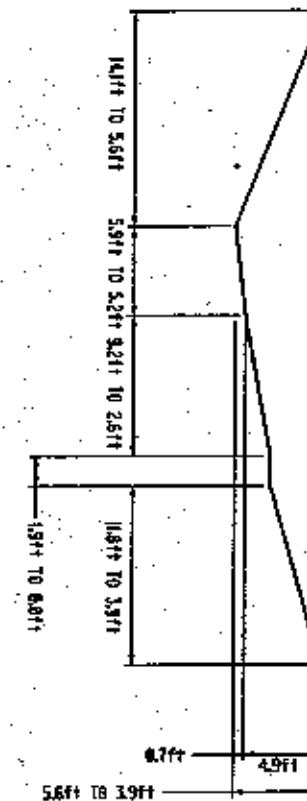
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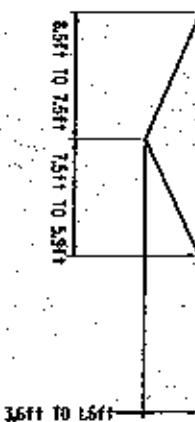
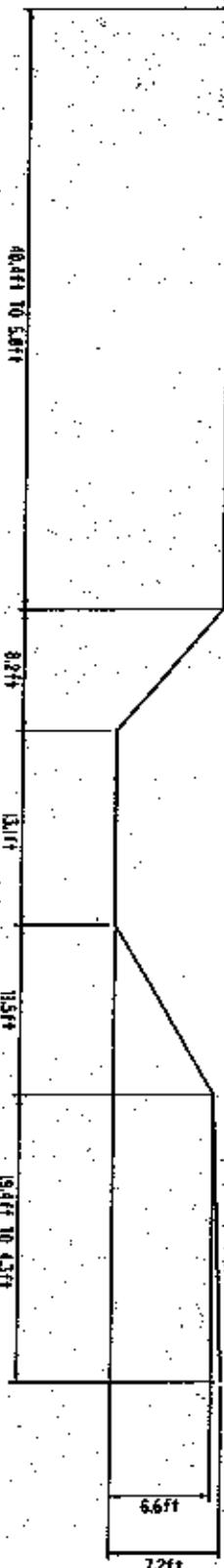
EXISTING HATWAI CREEK TYPICAL SECTION

EXISTING UNNAMED INTERMITTENT STREAM

TYPICAL SECTION STA. 98+80 TO 102+40



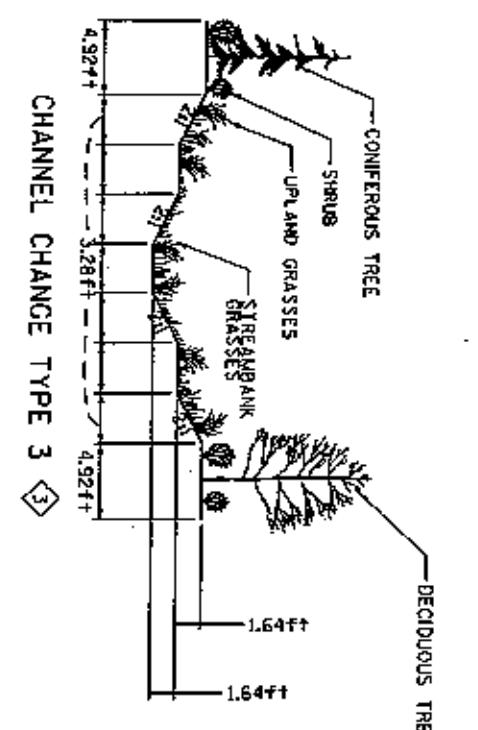
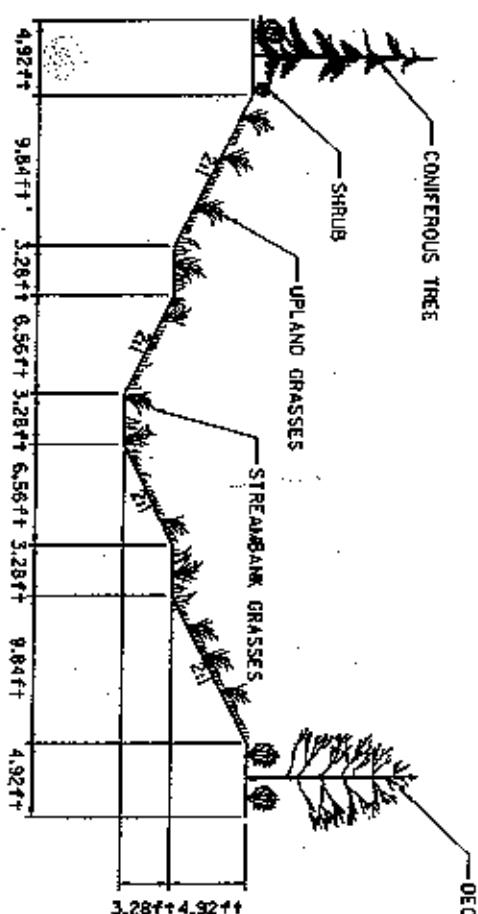
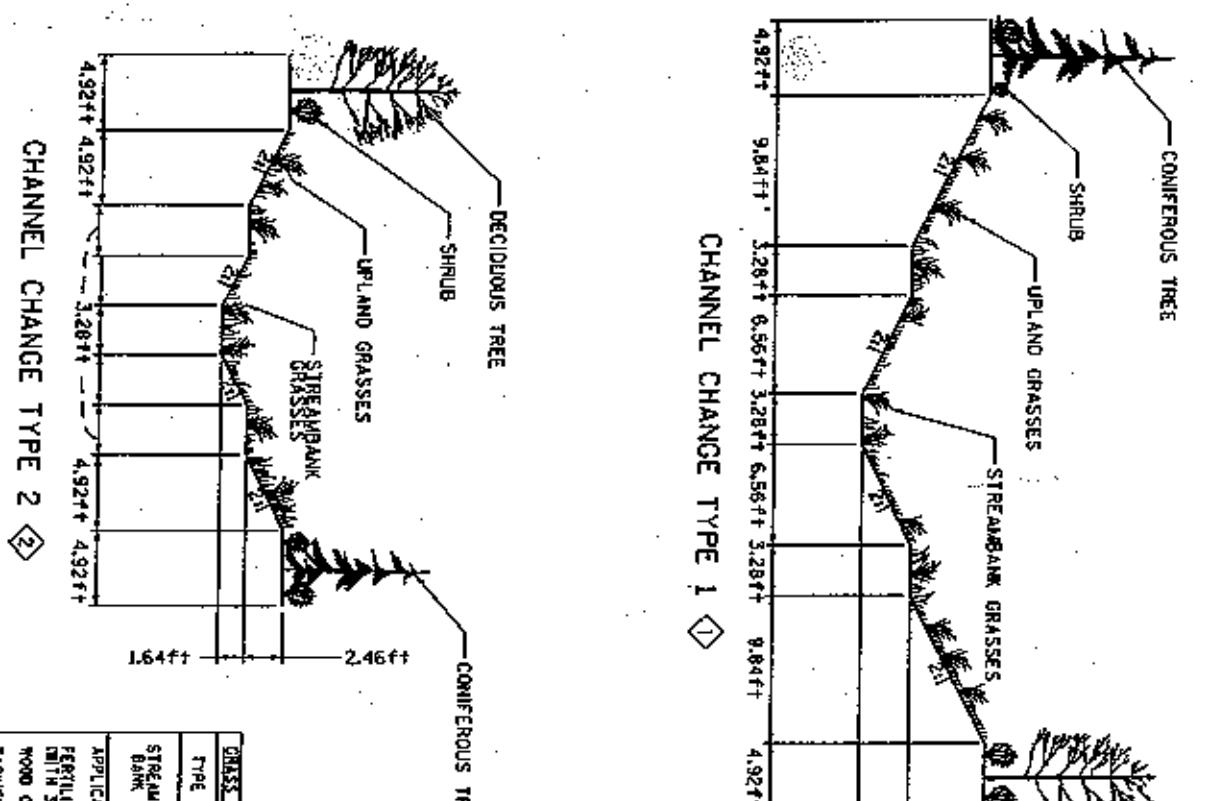
EXISTING CALF CREEK TYPICAL SECTION

EXISTING UNNAMED INTERMITTENT STREAM
TYPICAL SECTION STA. 107+00 TO 116+30

EXISTING COW CREEK TYPICAL SECTION

DATE: JULY 8, 2003	PROJECT NO.	PLAN	MEASUREMENTS
FILE NAME: IDOT0530/404 PERMIT/17658EX01.DWG	DEPARTMENT: IDAHO TRANSPORTATION DEPARTMENT	NH-4110(133)	COUNTY: KELLOGG MILE: PEACE & LATHAN SECTION: 7769
		US-95 TOP OF LEWISTON HILL TO GENEESEE	
			SHEET 4 OF 37

03600510



GRASS HYDROSEED LIST:

TYPE	KIND/VARIETY	% BY WEIGHT	MIN % PINE	MIN % GERM
STREAM BANK	ORCHARD GRASS CLIMAX TIMOTHY SHADY BROME REDTOP	40% 30% 20% 10%	90% 97% 98% 92%	98% 98% 98% 98%
APPLICATION RATE	50 LBS/ACRE			

FERTILIZER N-16%-P-18% & MICRONUTRIENTS
WITH 30% UREA-COP AND 30% PCCEUL
WOOD CELLULOSE FIBER MULCH
TACKIFIER LI-3000L

GRASS HYDROSEED MIX:

TYPE	KIND/VARIETY	% BY WEIGHT	MIN % PINE	MIN % GERM
UPLAND	FARMLAND CROSSED WHEATGRASS REVERSE SLENDER WHEATGRASS STREAMBANK WHEATGRASS THICKSKIN WHEATGRASS	30% 30% 30% 30%	95% 95% 95% 95%	98% 98% 98% 98%
APPLICATION RATE	40 LBS/ACRE			

FERTILIZER N-16%-P-18% & MICRONUTRIENTS
WITH 30% UREA-COP AND 30% PCCEUL
WOOD CELLULOSE FIBER MULCH
TACKIFIER LI-3000L

DATE: JULY 6, 2003

CADD FILE NAME: PERMIT/776SEC01.DGN

TRANSPORTATION



NH-41101331

PROJECT NO.

PLAN

HYDRO

IDaho

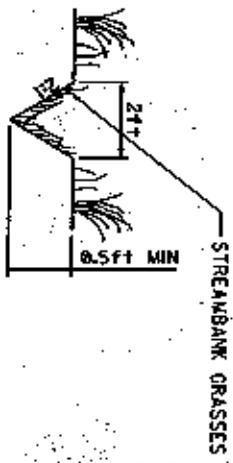
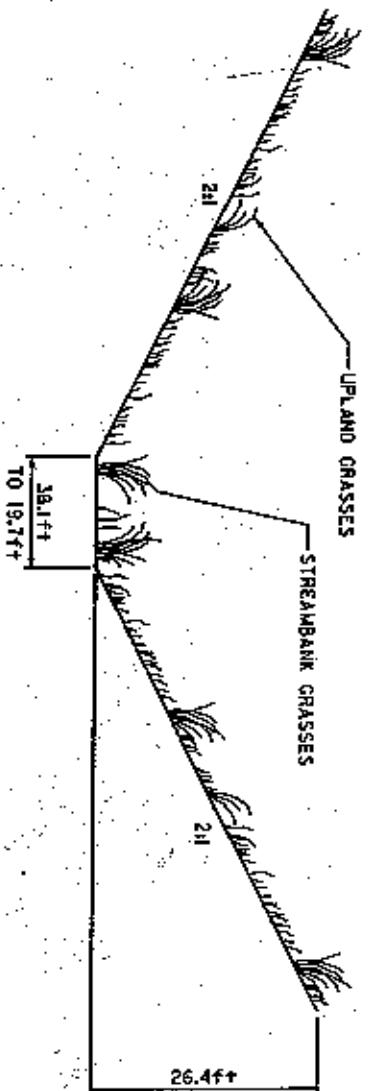
DEPARTMENT

DAVID EVANS AND ASSOCIATES, INC.

COUNTY
NEV PERCE & LATAHNET NUMBER
7769

SHEET 5 OF 37

030600510



NOT TO SCALE

SMALL DITCH TYPE 5

5

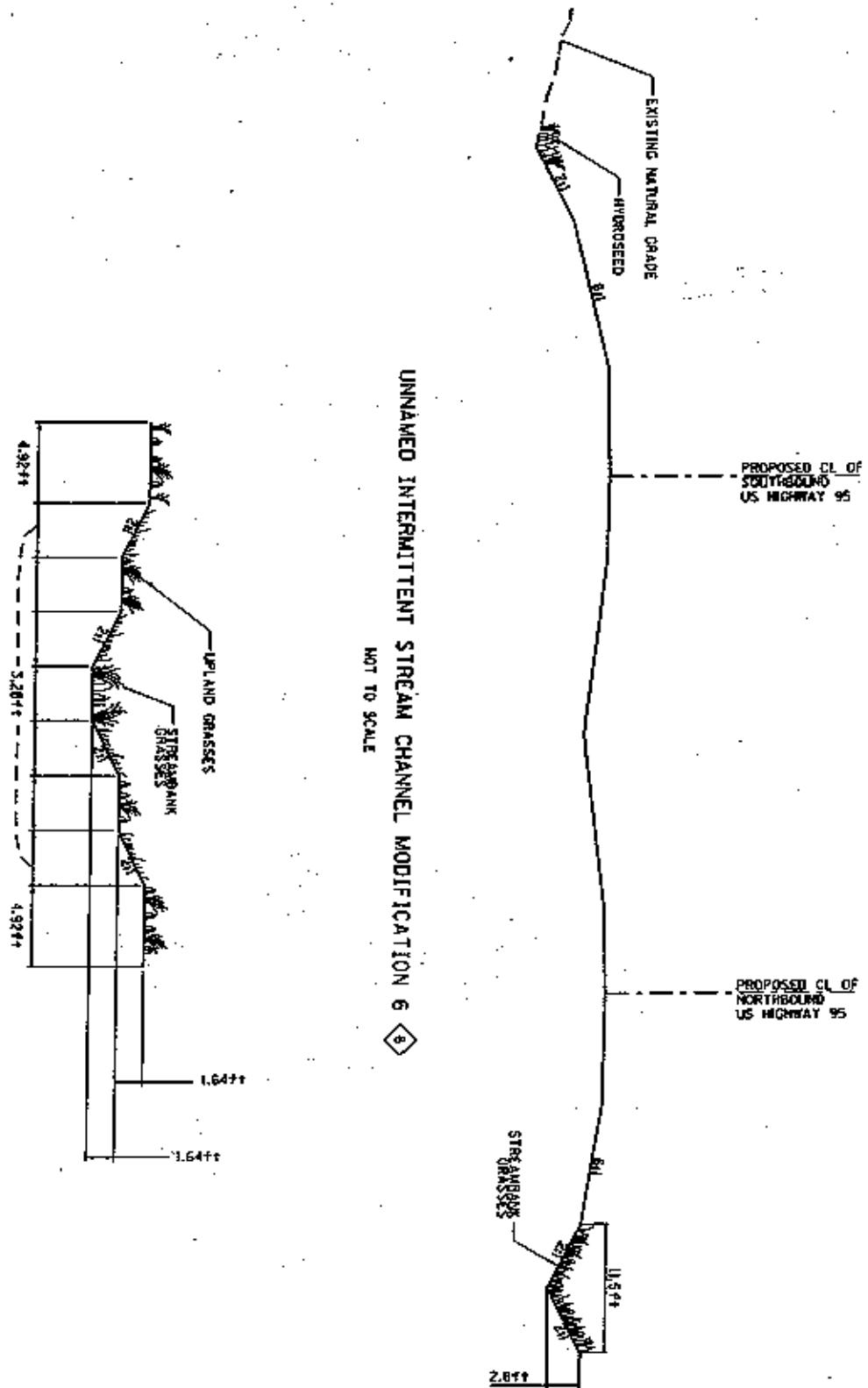
DATE: JULY 6, 2003

CADD FILE NAME:

1007638/404 PERMIT/7768COA.DGN

IDaho TRANSPORTATION DEPARTMENT	PROJECT NO.	PLAN	Metric
	NH-4110(133)	US-95 TOP OF LEWISTON HILL TO GENESEE	COUNTY NEZ PERCE & LATHAM NET ALDER 7769
DAVID EVANS AND ASSOCIATES, INC.			
			NET 6 ac 37

030600510



DATE: JULY 9, 2003
CADD FILE NAME: IDOT0609/494 PERMIT /7169ECDJCH
DAVID EVANS AND ASSOCIATES, INC.

IDAHo TRANSPORTATION DEPARTMENT	PROJECT NO. NH-4110133	PLAN US-95 TOP OF LEWISTON HILL TO GENESEE	Metric
COUNTY: NEAR PEACE & LATHAM KEY NUMBER 7769			

030600510

SHEET 10

LEON ROAD

SHEET 12

SHEET 11

SHEET 14

SHEET 16

SHEET 13

SHEET 17

SHEET 18

SHEET 19

EVANS ROAD
SOUTHBEGIN PROJECT NH-4110(133)
17+00.00 SOUTHBOUND
1016+92.33 NORTHBOUND

DATE: JULY 6, 1983

CHAD FILE NAME:
0006005104 PERMIT/PERMEX.DGN

IDAHo TRANSPORTATION DEPARTMENT	PROJECT NO.	PLAN	772-EETIC
	NH-4110(133)	US-95 TOP OF LEWISTON HILL TO GENESEE	QUANT FENCE & LIAJAH REV NUMBER 7769

User 8 n 37

030600510

GENESEE
AVENUE

UNIONTOWN ROAD

GENESEE-JULIAETTA
ROAD

COW CREEK ROAD

END PROJECT NH-4110(133) -
 142+06+147 SOUTHBOUND
 1142+24.049 NORTHBOUND

SHIRROD
ROADEVANS
ROAD
NORTH

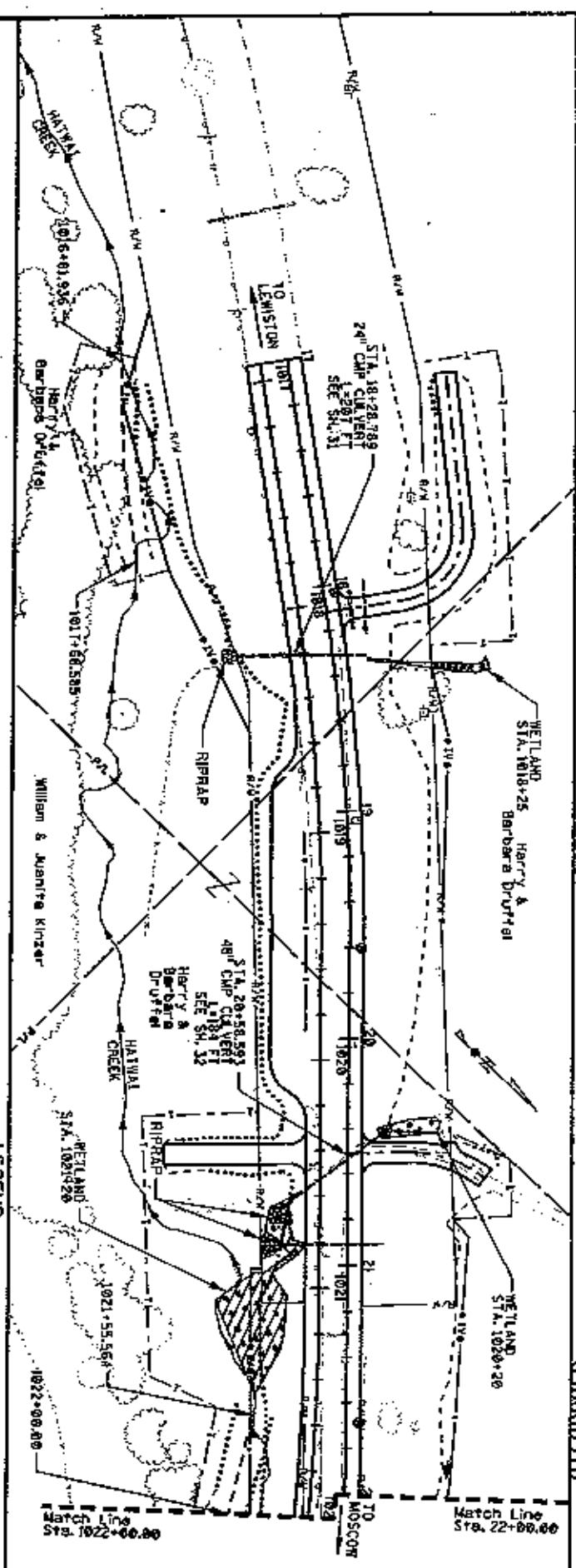
SHEET 1
SHEET 2
SHEET 22
SHEET 24
SHEET 25
SHEET 26
SHEET 27
SHEET 28
SHEET 29

HILLSIDE ROAD

SHEET 30

DATE: JULY 3, 2003	PROJECT NO.	PLAN	metric
CADD FILE NAME: NOTERJBW4.PDF	NH-4110(133)	US-95 TOP OF LEWISTON HILL TO GENESEE	COUNTY ROAD 4 (LAW) REV NUMBER 7769
DAVID EVANS AND ASSOCIATES, INC.			
			SHEET 9 OF 37

030600510



CREEK AND STREAM IMPACT TABLE

CREEK OR STREAM NAME	BEGIN STATION CHANNEL CHANGE	END STATION CHANNEL CHANGE	PROPOSED REPLACEMENT CHANNEL CHANGE TYPICAL SECTION NO.	TOTAL LENGTH FEET	TOTAL IMPACTED AREA ACRES	TOTAL FILL BELOW ORDINARY HIGH WATER MARK IN EXISTING WATER COURSE (CUBIC YARDS)
HATWELL	1016+81.936 RT.	1017+68.545 RT.	1	286	342	613
HATWELL	1021+55.564 RT.	1022+00.00 RT.	1	263	157	606
						194

* THE WETLAND STATIONS LISTED HERE MATCH THE STATIONS RECORDED IN THE ENVIRONMENTAL ASSESSMENT.

CHANNEL CHANGE TYPE 1 ◊

PONTIX PFM PALUERINE FORESTED
PFO PALUERINE EMERGENT

WETLAND TYPES

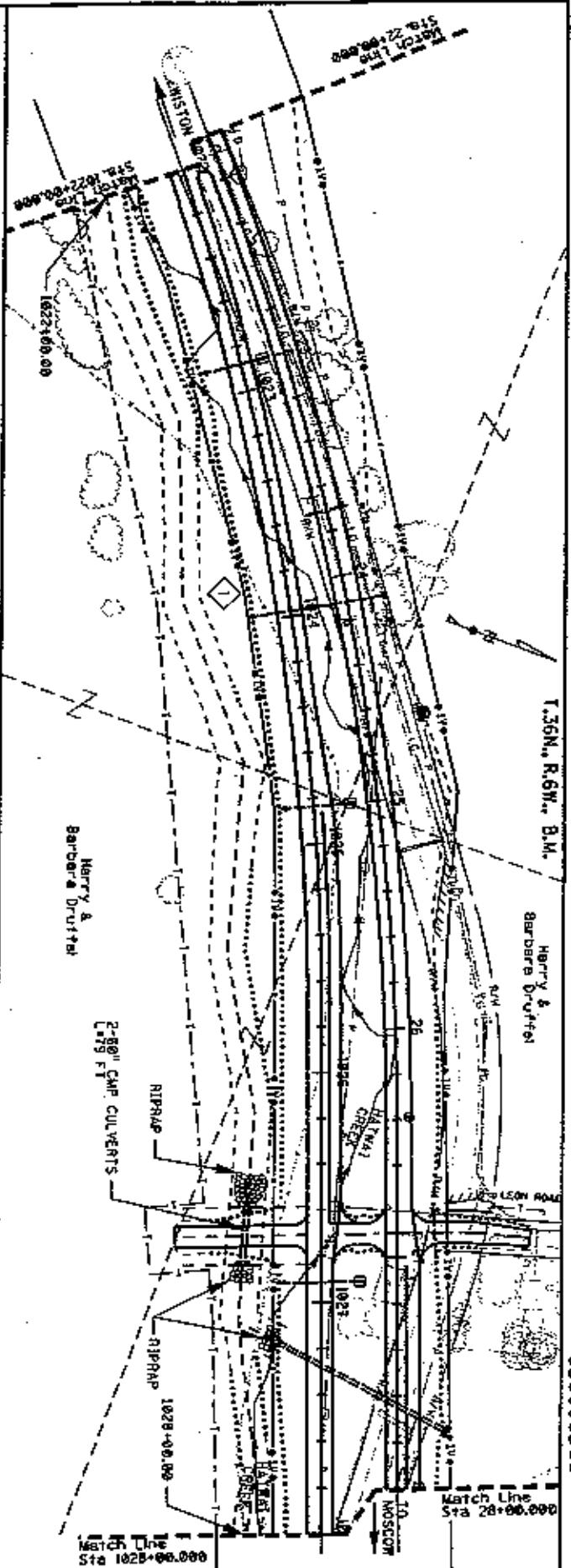
GRAPHIC SCALE
0 50 100 150 200
FEET

DATE: JULY 5, 2003

CAOD FILE NAME:
CAOD040506404 PERMIT / 165000.DGN

IDAHo TRANSPORTATION DEPARTMENT	PROJECT NO.	PLAN	METRIC
NH-4110(133)	US-95 TOP OF LEWISTON HILL TO GENESEE	COUNTY NEV PERCE & LATH REF NUMBER 7769	
DAVID EVANS AND ASSOCIATES, INC.			

030600510



GREEK AND STREAM IMPACT TABLE

GREEK OR STREAM NAME	BEGIN STATION OF CHANNEL CHANGE	END STATION OF CHANNEL CHANGE	PROPOSED CHANNEL CHANGE TYPE NO.	TOTAL LENGTH (FEET)	TOTAL LENGTH (FEET)	TOTAL IMPACTED AREA (ACRES)	TOTAL FILL, BELOW ORDINARY HIGH WATER MARK IN EXISTING WATER COURSE (CUBIC YARDS)
HATRAI	1022+00.00 R.t.	1023+00.00 R.t.	1	1955	2183	0.04	2100

LEGEND

FLOWING LINE OF EXISTING WATER COURSE

CHANNEL CHANGE ALIGNMENT

PROPOSED FILL SLOPE

PROPOSED CUT SLOPE

TEMPORARY EASEMENT

PROPOSED RIGHT-OF-WAY

RIPRAP INSTALLATION

WETLAND AREA

WETLAND IMPACT AREA

WETLAND TYPES

PEM PALUSERINE EMERGENT

PFO PALUSERINE FORESTED

POHOK PALUSERINE OPEN WATER WETLAND

GRAPHIC SCALE
1:200 1:50 1:200

FEET

CHANNEL CHANGE TYPE 1

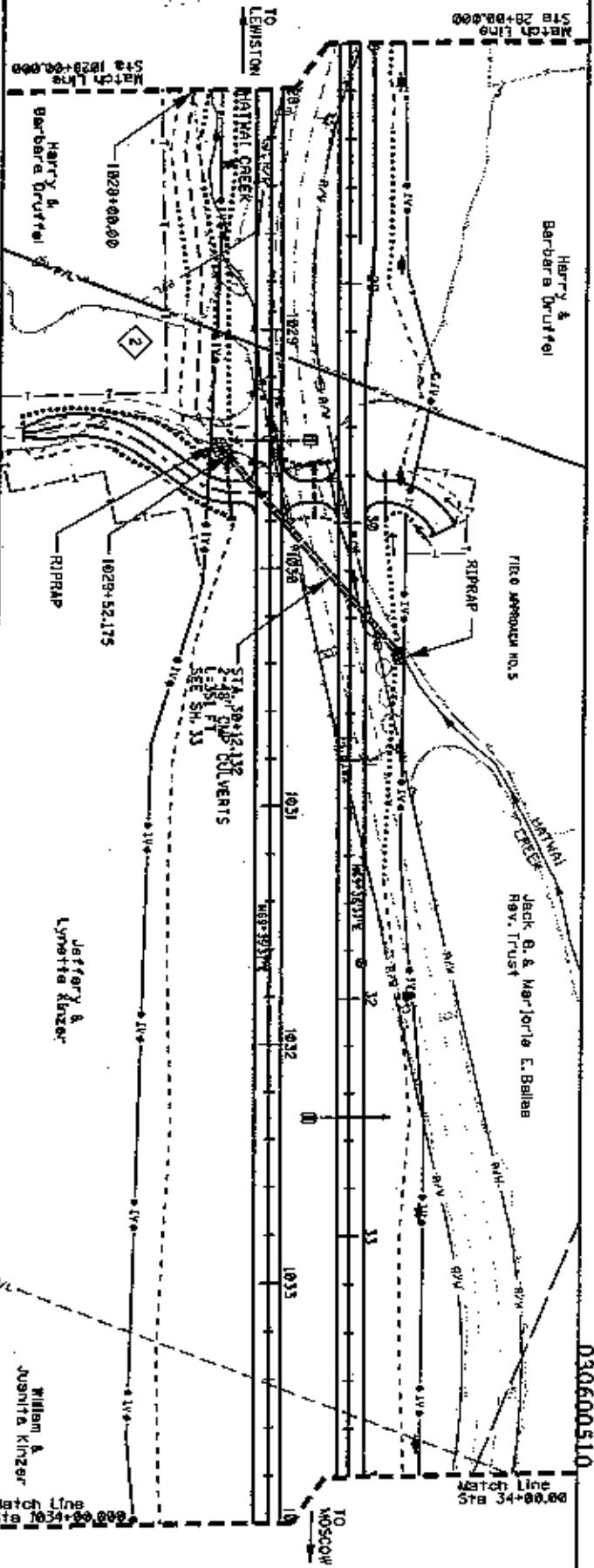
DATE: JULY 8, 2003	PROJECT NO.	PLAN	Metric
CADD FILE NAME: 1007089/404 PERMIT/77690002.DGN	TRANSPORTATION DEPARTMENT	COUNTY NRZ PERMIT & LANTM FILE NUMBER 7769	Sheet 11 of 37
DAVID EVANS AND ASSOCIATES, INC.			

Harry &
Barbara Durrell

FILE NUMBER NO. 5

Jack B. & Marjorie E. Ballou
Rev. Trust

030600510



CREEK AND STREAM IMPACT TABLE

CREEK OR STREAM NAME	BEGIN STATION OF CHANNEL CHANGE	END STATION OF CHANNEL CHANGE	PROPOSED CHANNEL CHANGE NO.	TOTAL LENGTH FEET	TOTAL IMPACTED AREA FEET²	TOTAL FILL BELOW ORDINARY HIGH WATER MARK IN EXISTING WATER COURSE (CUBIC YARDS)	IMPACTED CHANNEL CHANGE / CULVERT LENGTH FEET	
							REPLACEMENT CHANNEL CHANGE TYPICAL SECTION NO.	CULVERT LENGTH FEET
HATWAT	1028+00.00 ft.	1029+52.15 ft.	2	87'	897*	0.34*		109"

*THE FIGURES WERE CALCULATED TO THE INLET OF THE HIGHWAY CROSS CULVERT

LEGEND

- FLLOWLINE OF EXISTING WATER COURSE
- CHANNEL CHANGE ALIGNMENT
- PROPOSED FILL SLOPE
- PROPOSED CUT SLOPE
- PROPOSED CULVERT
- TEMPORARY EASEMENT
- PROPOSED RIGHT-OF-WAY
- RIPRAP INSTALLATION
- METLAND AREA
- WETLAND IMPACT AREA

WETLAND TYPES

PEN

PAUSERINE EMERGENT

PFO

PAUSERINE FORESTED

POMIX

PAUSERINE OPEN WATER WETLAND

GRAPHIC SCALE

0 50 100 150 200
FEET

IDAHo
TRANSPORTATION
DEPARTMENT



PROJECT NO.

PLAN

IMPERFECT

CONTRACT

NEZ PERCE & LAKOTA

KEY NUMBER 7769

DATE JULY 8, 2003

CARD FILE NAME: IDOT#0316-404 PERMIT#77169P001.DGN

ST 34+00.000
MBTCH Line 000+00.000

SHEET 12 OF 37

JACK B. & MARJORIE E. BALES
Rev. Trustee
WATER CREEK

Match Line
Sta 34+00.000

Line
Sta 48+00.000

Match Line
Sta 1048+00.000

TO
LEWISTON

TO
MOSCOW

Match Line
Sta 1034+00.000

Match Line
Sta 1034+00.000

NO WETLAND OR CHANNEL CHANGE IMPACTS

LEGEND

- FLOWLINE OF EXISTING WATER COURSE
- — — CHANNEL CHANGE ALIGNMENT
- — — PROPOSED FILL SLOPE
- — — PROPOSED CUT SLOPE
- — — PROPOSED CULVERT
- — — — TEMPORARY EASEMENT
- — — — PROPOSED RIGHT-OF-WAY

RURRAP INSTALLATION



WETLAND IMPACT AREA

WETLAND TYPES

- | WETLAND TYPE | DESCRIPTION |
|--------------|-------------------------------|
| PEM | PALUSERINE EMERGENT |
| PFO | PALUSERINE FORESTED |
| PONMK | PALUSERINE OPEN WATER WETLAND |

GRAPHIC SCALE

0 50 100 150 200
FEET

IDAHO
TRANSPORTATION
DEPARTMENT



PROJECT NO.

NH-4110(133)

US-95 TOP OF LEWISTON HILL
TO GENESSEE

MILE/TIC

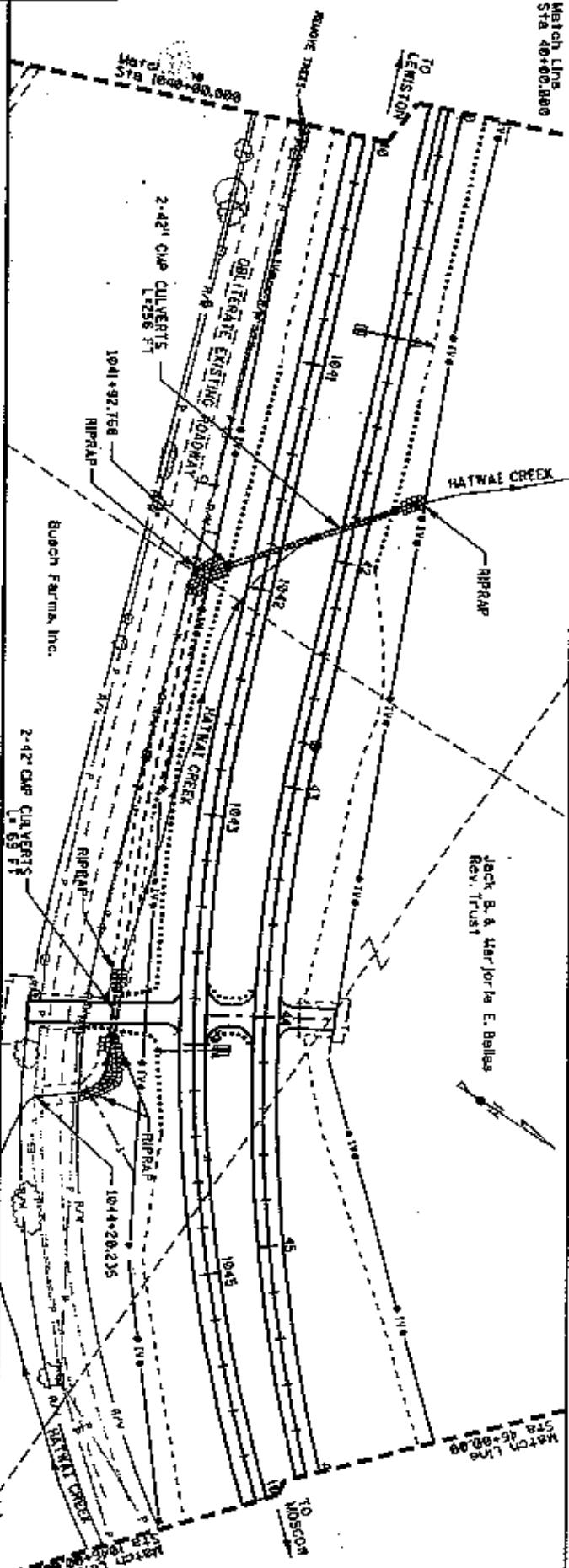
0 50 100 150 200
FEET

DATE: JULY 3, 2003
CAGE FILE NAME:
10076938/404 PERMIT/7769P004.DGN

DAVID EVANS AND ASSOCIATES, INC.

COUNTY
POTTER & LAIN
GENESEE 7769

Sheet 13 of 17

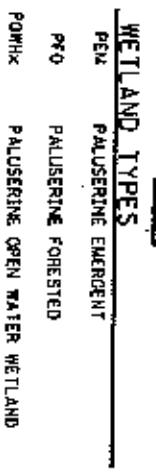


CREEK AND STREAM IMPACT TABLE

CREEK OR STREAM NAME	BEGIN STATION	END STATION	PROPOSED REPLACEMENT CHANNEL CHANGE NO.	TOTAL CHANNEL LENGTH	TOTAL CULVERT LENGTH (FEET)	TOTAL IMPACTED AREA (FEET INCHES)	TOTAL FALL BELOW ORDINARY HIGH WATER MARK IN EXISTING WATER COURSE (LOGIC YARDS)
HATWAI	1041+92.768 RT.	1044+20.236 RT.	3	1129'	1040*	0.40*	1283*

*THE FIGURES WERE CALCULATED TO THE OUTLET OF THE HIGHWAY CROSS CULVERT

CHANNEL CHANGE TYPE 3 △



GRAPHIC SCALE

1 30 60 120 200 FEET

TRANSPORTATION DEPARTMENT



NH-4110(133) US-95 TOP OF LEWISTON HILL TO GENESEE

DAVID EVANS AND ASSOCIATES, INC.

Metric

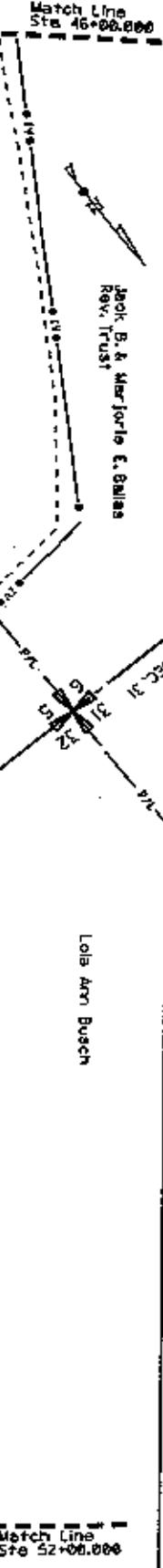
DATE: JULY 6, 2003

CARD FILE NAME: IDOT0828404 PERMIT/T765005.DCN

030600510

Jack B. & Marjorie E. Ballas
Rev. Trust

Lois Ann Busch



WETLAND IMPACT TABLE

WETLAND STATION	TYPE	EXISTING WETLAND AREA (ACRES)	IMPACTED WETLAND AREA (ACRES)
STA. 1048+50	PEM	0.47	0.04
STA. 1049+20	PEM	0.32	0.01

LEGEND

- FLOWLINE OF EXISTING WATER COURSE
- CHANNEL CHANGE ALIGNMENT
- PROPOSED FILL SLOPE
- - - - - PROPOSED CUT SLOPE
- - - - - PROPOSED CULVERT
- T - - - - T TEMPORARY EASEMENT
- - - - - PROPOSED RIGHT-OF-WAY
- [Riprap symbol] RIPRAP INSTALLATION
- [Wetland area symbol] WETLAND AREA

WETLAND TYPES

- PEM PALUSERINE EMERGENT
- PPF PALUSERINE FORESTERED
- PONIK PALUSERINE OPEN WATER WETLAND

GRAPHIC SCALE

1:50,000 1:50,000

FEET

PROJECT NO.

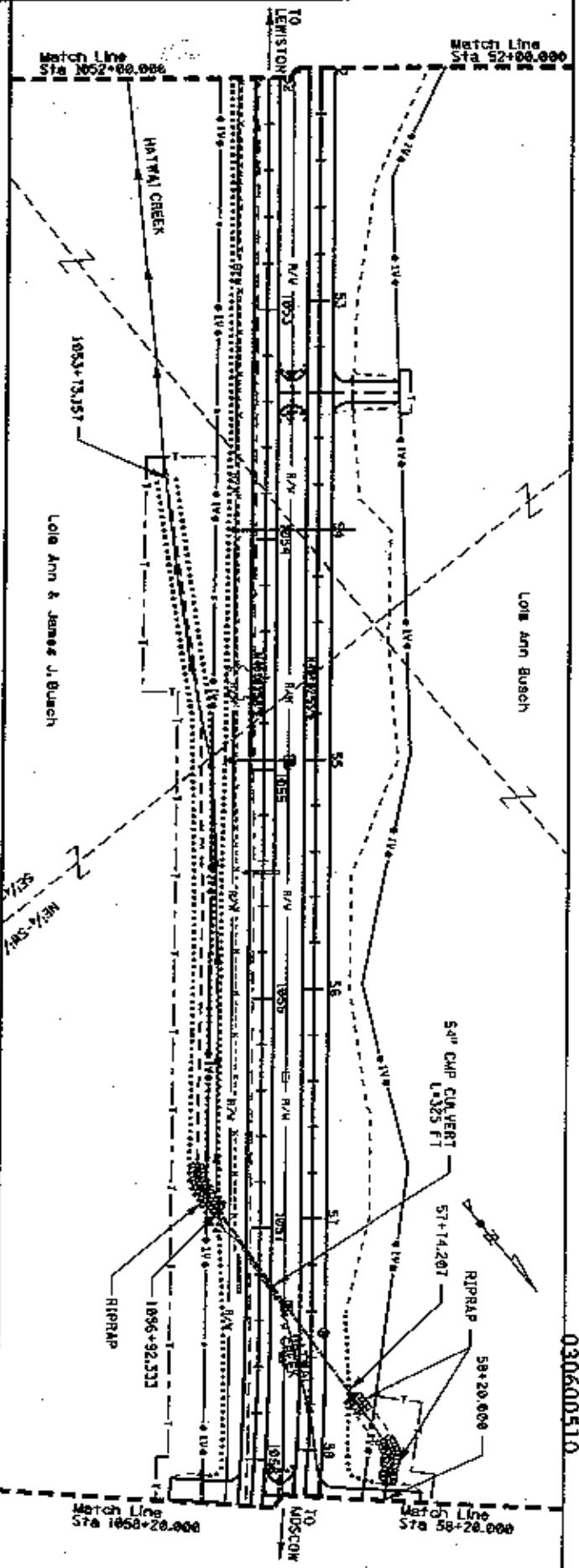
IDAHO
TRANSPORTATION
DEPARTMENT

NH-41001331

US-95 TOP OF LENISTON HILL
TO GENESEEDATE: JULY 8, 2003
CADD FILE NAME: PERMIT/7169P006.DGN
ID: 030600510

GRAPHIC SCALE	1:50,000 1:50,000	PROJECT NO.	PLATE	Metric
TRANSPORTATION DEPARTMENT	NH-41001331	US-95 TOP OF LENISTON HILL TO GENESEE		COUNTY KELLOGG & LINN REV NUMBER 7769

030600510



CREEK AND STREAM IMPACT TABLE

CREEK OR STREAM NAME	BROW STATION OF CHANNEL CHANGE	END STATION OF CHANNEL CHANGE	PROPOSED REPLACEMENT CHANNEL CHANGE TYPICAL SECTION NO.	TOTAL REPLACEMENT CHANNEL CHANGE/ CULVERT LENGTH (FEET)	TOTAL IMPACTED LENGTH (FEET)	TOTAL IMPACTED AREA (ACRES)	TOTAL FALL BELOW ORDINARY HIGH WATER MARK IN EXISTING WATER COURSE (CUBIC YARDS)
HAWAII	1053+73.157 RT.	1056+92.333 RT.	3	1382 #	1265 #	0.46 M	1491 #
HAWAII	57+74.207 LT.	58+26.00 LT.	3	177	290	0.11	369

* THESE FIGURES WERE CALCULATED TO THE INLET OF THE HIGHWAY CROSS CULVERT

LEGEND

- EXISTING WATER COURSE
- CHANNEL CHANGE ALIGNMENT
- PROPOSED FILL SLOPE
- PROPOSED CUT SLOPE
- PROPOSED CUT VERT
- TEMPORARY EASEMENT
- PROPOSED RIGHT-OFF-TAX
- RIPRAP INSTALLATION
- WETLAND AREA
- WETLAND IMPACT AREA

WETLAND TYPES

PEN PALUSSERINE EMERGENT

PFO PALUSSERINE FORESTED

PWHLX PALUSSERINE OPEN WATER WETLAND

GRAPHIC SCALE

1:50 100 (50 200)
FEET

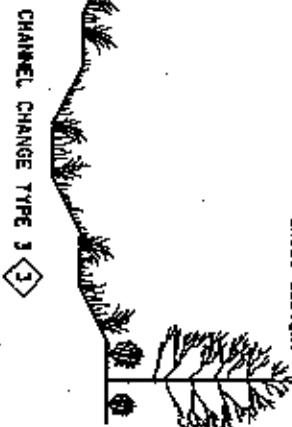
TRANSPORTATION
DEPARTMENT



DAVID EVANS AND ASSOCIATES, INC.

DATE: JULY 6, 2003

CADD FILE NAME: IDOT0053464 PERMIT 77699004.DWG



CHANNEL CHANGE TYPE 3 3

IDAHO	PROJECT NO.	PLAN	Metric
TRANSPORTATION DEPARTMENT	NH-4110(133)	US-95 TOP OF LEWISTON HILL TO GENESSEE	COUNTY NEVADA & LATH REV NUMBER 7769

030600510

Nimue &
Aurora Kinzler

Lola Ann Busson

24" CUP CULVERT
L=58 FT
SB+0.400

RIPRAP

SEC. 12

SEC. 14

SEC. 16

SEC. 18

SEC. 20

SEC. 22

SEC. 24

SEC. 26

SEC. 28

SEC. 30

SEC. 32

SEC. 34

SEC. 36

SEC. 38

SEC. 40

SEC. 42

SEC. 44

SEC. 46

SEC. 48

SEC. 50

SEC. 52

SEC. 54

SEC. 56

SEC. 58

SEC. 60

SEC. 62

SEC. 64

SEC. 66

SEC. 68

SEC. 70

SEC. 72

SEC. 74

SEC. 76

SEC. 78

SEC. 80

SEC. 82

SEC. 84

SEC. 86

SEC. 88

SEC. 90

GREEK OR STREAM NAME	BEGIN STATION OF CHANNEL CHANGE	END STATION OF CHANNEL CHANGE	PROPOSED REPLACEMENT CHANNEL CHANGE NO.	TOTAL LENGTH OF TYPICAL SECTION FEET	TOTAL IMPACTED LENGTH (FEET)	TOTAL IMPACTED AREA (ACRES)	TOTAL FILL BELOW MARK IN EXISTING WATER COURSE (CUBIC YARDS)
HATWAI	SB+02.000 L1	SB+02.009 L4	3	614	620	0.24	167

LEGEND

FLOWING OF
EXISTING WATER COURSE
CHANNEL CHANGE ALIGNMENT

PROPOSED FILL SLOPE

PROPOSED CUT SLOPE

PROPOSED CULVERT

TEMPORARY EASEMENT

PROPOSED RIGHT-OF-WAY

RIPRAP INSTALLATION

WETLAND AREA

WETLAND IMPACT AREA

WETLAND TYPES

PEM

PALUSERINE EMERGENT



PALUSERINE OPEN WATER WETLAND

POWHR

PALUSERINE FORESTED

PROJECT NO. PLAN

TRANSPORTATION DEPARTMENT



NH-4110(133)

US-95 TOP OF LEWISTON HILL

TO GENESEE

Metric

County

NEZ PERCE & LATAH

Key Number

7769

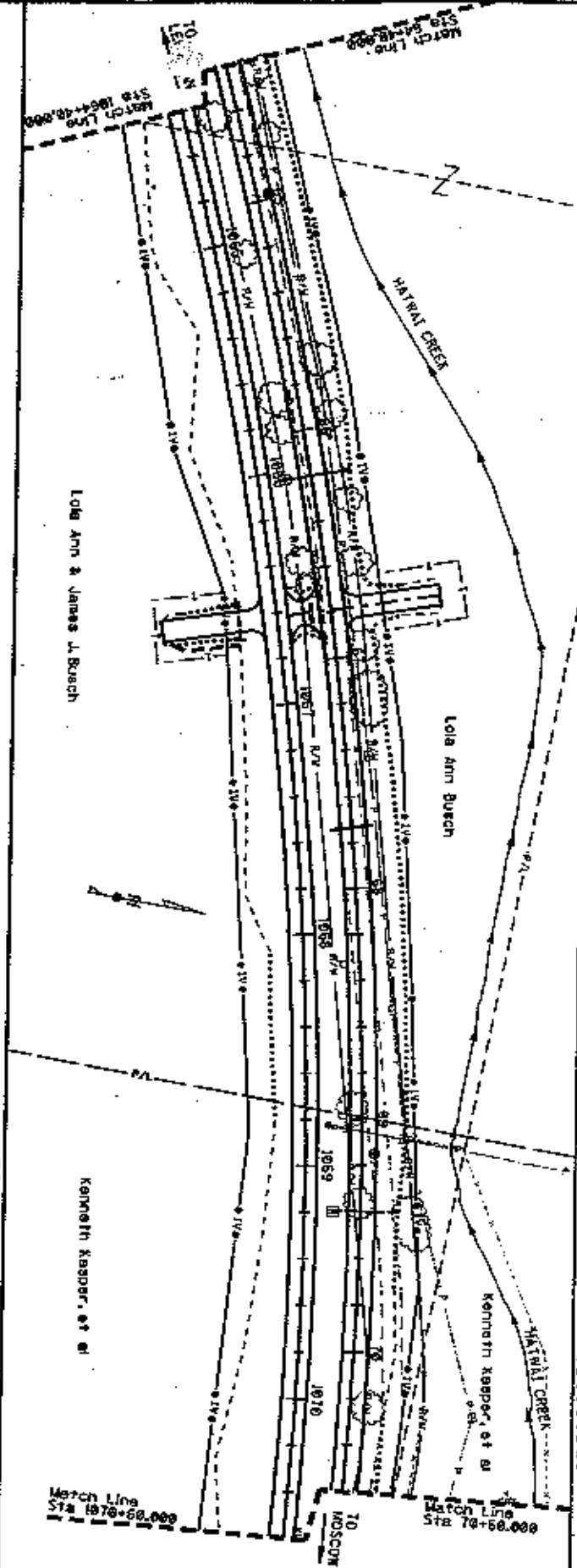
Sheet

17 of 37

DATE: JULY 8, 2003

CADD FILE NAME: 0070603/404 PERMIT/7769PUBDRAFT

030600510



NO WETLAND OR CHANNEL CHANGE IMPACTS

DATE: JULY 8, 2003	GRAPHIC SCALE 0 - 50 100 150 200 FEET	IDAHO TRANSPORTATION DEPARTMENT	PROJECT NO. NH-4110133	PLAN	METRIC
CARD FILE NAME: IDOT 8018/404 PERMIT/7169P09J0N			US-95 TOP OF LEWISTON HILL TO GENEESE		COUNTY NEZ PERCE & LATAH REP NUMBER 7769

030600510
48' CULVERT
L=69 FT
TO LEWISTON

Kenneth Kasper, et al

RIPRAP

75+63.98

75+60.000

75+56.000

75+52.000

75+

75+48.000

75+

75+44.000

75+

75+40.000

75+

75+36.000

75+

75+32.000

75+

75+28.000

75+

75+24.000

75+

75+20.000

75+

75+16.000

75+

75+12.000

75+

75+8.000

75+

75+4.000

75+

75+0.000

75+

75-4.000

75-

75-8.000

75-

75-12.000

75-

75-16.000

75-

75-20.000

75-

75-24.000

75-

LEGEND

FLOWLINE OF
EXISTING WATER COURSE

CHANNEL CHANGE ALIGNMENT

PROPOSED FILL SLOPE

PROPOSED CUT SLOPE

PROPOSED CULVERT

TEMPORARY EASEMENT

PROPOSED RIGHT-OF-WAY

RIPRAP INSTALLATION

WETLAND AREA



WETLAND IMPACT AREA

WETLAND TYPES

PEW
PALUSETUM EMERGENT

PRO
PALUSETUM FORESTED

POMW
PALUSETUM OPEN WATER WETLAND

CREEK AND STREAM IMPACT TABLE

CREEK OR STREAM NAME	BEGIN STATION ON CHANNEL CHANGE	END STATION OF CHANNEL CHANGE	PROPOSED REPLACEMENT CHANNEL CHANGE/ TYPICAL SECTION NO.	TOTAL IMPACTED CHANNEL LENGTH/ CULVERT LENGTH (FEET)	TOTAL IMPACTED AREA (ACRES)	TOTAL FILL BELOW ORDINARY HIGH WATER MARK IN EXISTING WATER COURSE (CUBIC YARDS)
HAWAII	76+83.198 LF.	76+88.998 LF.	5	457 *	466 *	8.07 *
					112 *	

THESE FIGURES WERE CALCULATED TO THE OUTLET OF THE HIGHWAY SIDE DRAIN CULVERT

DATE: JULY 8, 2003

FILE NUMBER:

IDOT#03J/4B4 PERMIT#7759PD10.DCN

GRAPHIC SCALE
0 50 100 150 200
FEET

IDAHO
TRANSPORTATION
DEPARTMENT



PROJECT NO.

NH-4110(133)

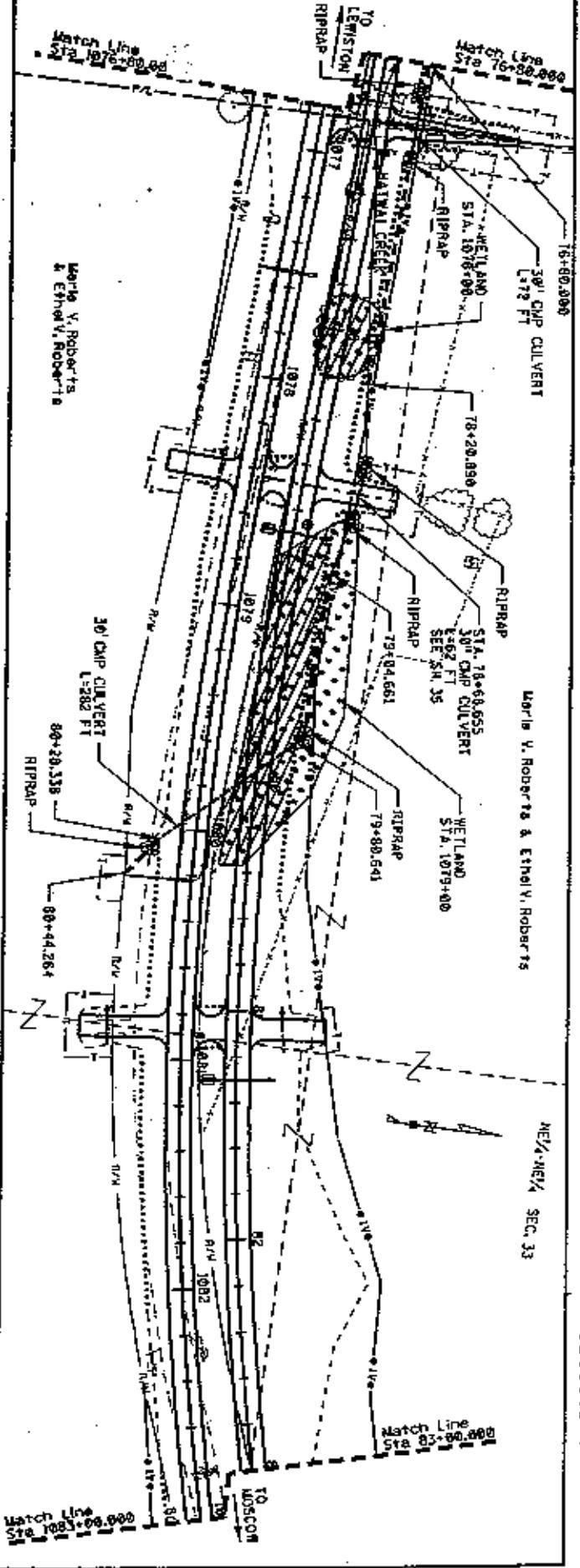
US-95 TOP OF LEWISTON HILL
TO GENESEE

DAVID EVANS AND ASSOCIATES, INC.

030600510

Merv V. Roberts & Ethel V. Roberts

NEVA-NEVA SEC. 33

Merv V. Roberts &
Ethel V. Roberts

CREEK AND STREAM IMPACT TABLE							
CREEK OR STREAM NAME	BROWN STATION	END STATION	PROPOSED REPLACEMENT CHANNEL CHANGE	TOTAL IMPACTED CHANNEL CHANGE/ TYPICAL SECTION NO.	TOTAL IMPACTED CHANNEL LENGTH/ FEET	TOTAL IMPACTED AREA (ACRES)	TOTAL FILL BELOW ORDINARY HIGH WATER MARK IN EXISTING WATER COURSE (CUBIC YARDS)
HANAL	76+80.000 Lt.	78+20.990 Lt.	5	463	424	0.16	525
LEWISTON	79+04.661 Lt.	80+44.264 Lt.	5	558*	547*	0.21*	677*

* THESE FIGURES WERE CALCULATED TO THE INLET OF THE HIGHWAY CROSS CULVERT

WETLAND IMPACT TABLE			
WETLAND STATION	TYPE	EXISTING WETLAND AREA INCREASE	IMPACTED WETLAND AREA INCREASE
STA. 1078-00	PEN/PFO	0.20	0.18
STA. 1078-02	PEN	1.21	0.79

SMALL DITCH TYPE 5

WETLAND TYPESWETLAND AREA
WETLAND IMPACT AREA

POWHR PALUSERINE OPEN WATER WETLAND

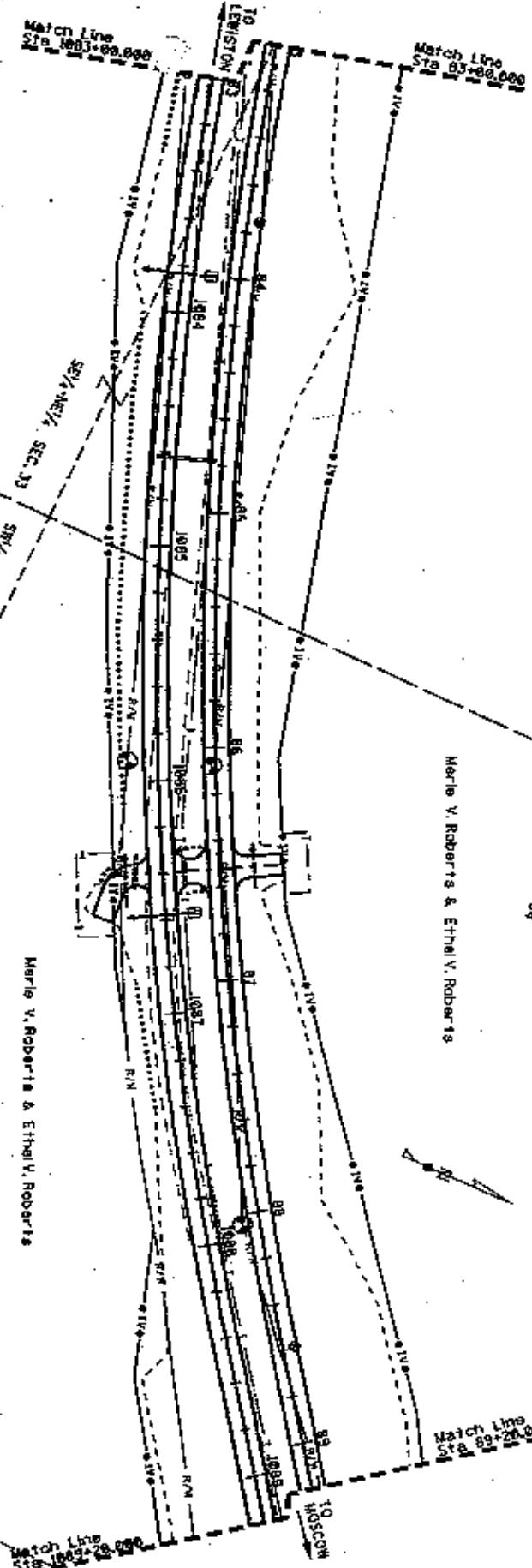
PFO PALUSERINE FORESTED

GRAPHIC SCALE 0 50 100 150 200 FEET	IDAHO TRANSPORTATION DEPARTMENT	PROJECT NO. NH-4110(133)	PLAN	Metric COUNTY NET PERCH & LATIM RET NUMBER 7769
DAVID EVANS AND ASSOCIATES, INC.				

DATE: JULY 8, 2003
CADD FILE NAME: PERMIT/7769P01.DWG
IDC#0035/404

030600510

Marie V. Roberts & Ethel V. Roberts



NO WETLAND OR CHANNEL CHANGE IMPACTS

Marie V. Roberts & Ethel V. Roberts

LEGEND

- FLOWLINE OF EXISTING WATER COURSE
- CHANNEL CHANGE ALIGNMENT
- PROPOSED FILL SLOPE
- PROPOSED CUT SLOPE
- PROPOSED CULVERT
- TEMPORARY EASEMENT
- PROPOSED RIGHT-OF-WAY
- RIPRAP INSTALLATION
- WETLAND AREA
- WETLAND IMPACT AREA

WETLAND TYPES

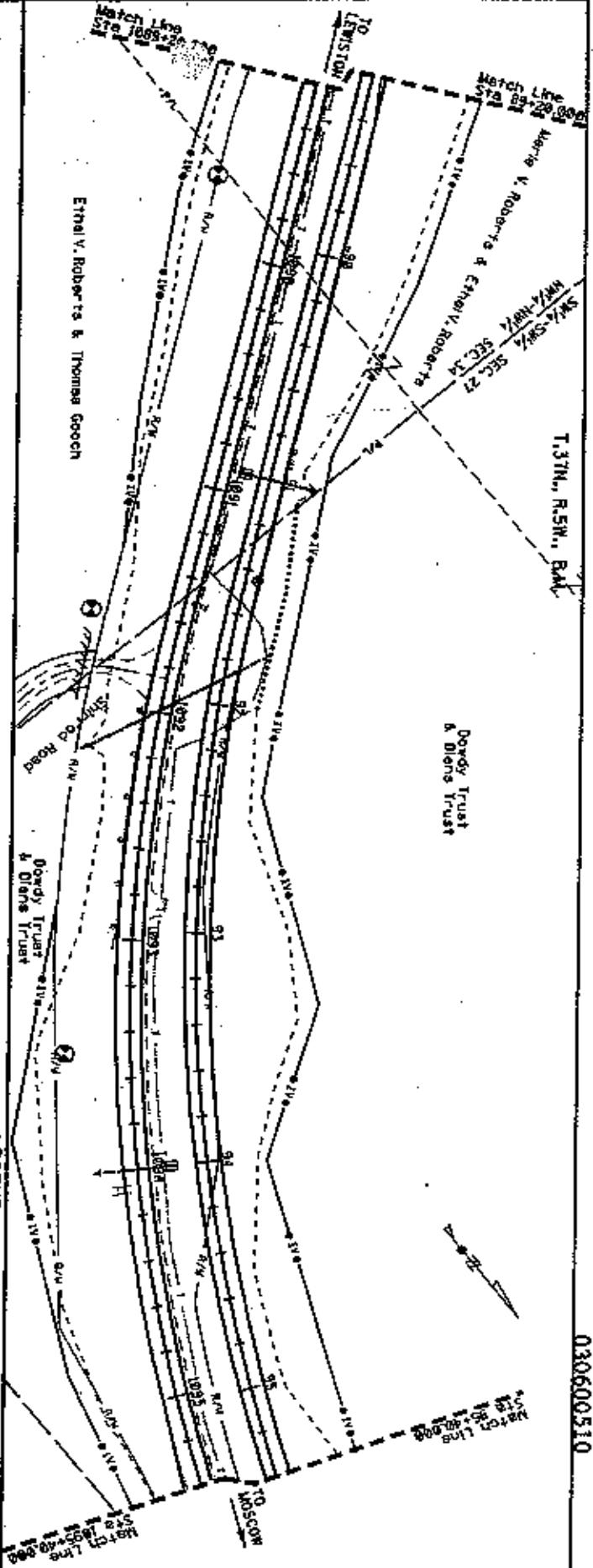
- PEM PALUSERINE EMERGENT
- PFO PALUSERINE FORESTED

POWHR PALUSERINE OPEN WATER WETLAND

GRAPHIC SCALE		1:50,000 1:50,000	
DATE JULY 8, 2003		FEET	
TRANSPORTATION DEPARTMENT		PROJECT NO.	PLAN
NH-4110133		US-95 TOP OF LEWISTON HILL TO GENESSEE	

CADD FILE NAME: 10070035/405 PERMIT /7769PDZ.DGN
DAVID EVANS AND ASSOCIATES, INC.

030600510



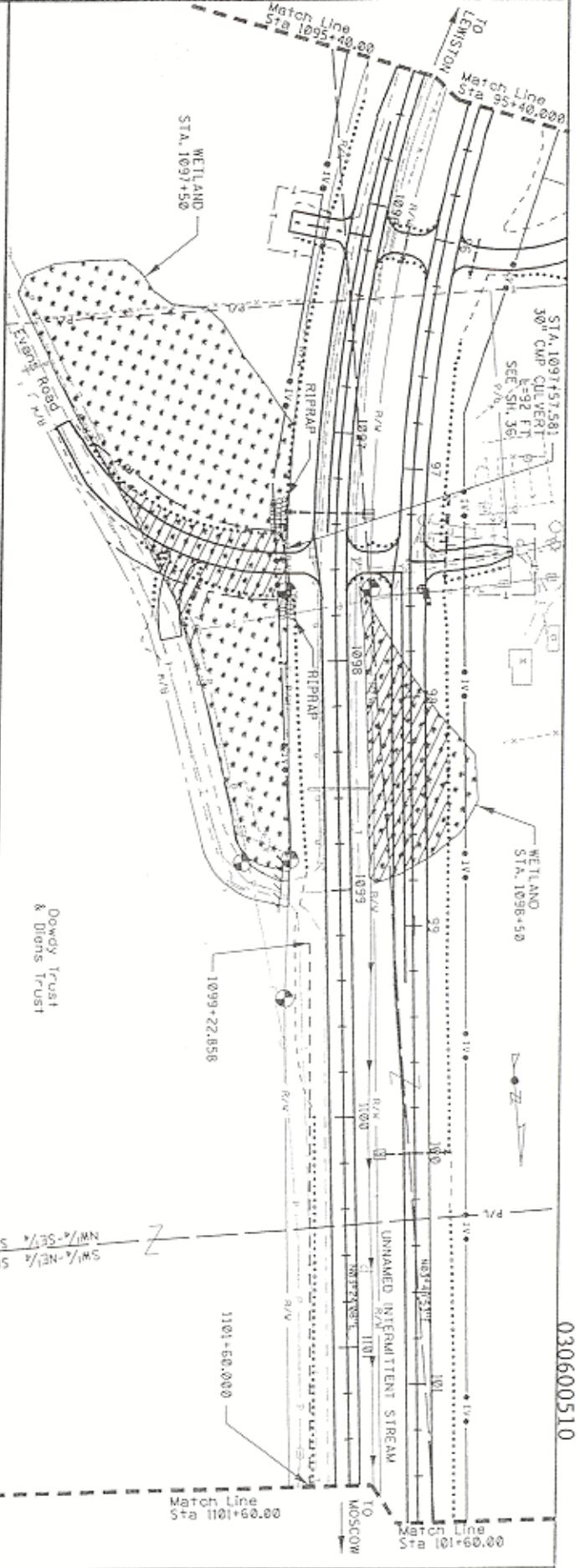
NO WETLAND OR CHANNEL CHANGE IMPACTS

LEGEND

- Flowline of Existing Water Course
- Channel Change Alignment
- Proposed Cut Slope
- Proposed Fill Slope
- Proposed Culvert
- Temporary Easement
- Proposed Right-of-Way
- Riprap Installation
- Wetland Area
- Wetland Impact Area

DATE: JULY 8, 2003	GRAPHIC SCALE 0 50 100 150 200 FEET	TRANSPORTATION DEPARTMENT 	PROJECT NO. NH-4110133	PLAN	METRIC
CARD FILE NAME: 10078019/404 PERMIT/7769P013.DGN	US-95 TOP OF LEWISTON HILL TO GENESSEE				County K.Z. PENCE & LATHAN ReFugee 7769

030600510



CREEK AND STREAM IMPACT TABLE

CREEK OR STREAM NAME	BEGIN STATION	END STATION	PROPOSED CHANNEL CHANGE	TOTAL LENGTH (FEET)	TOTAL IMPACTED LENGTH (FEET)	TOTAL IMPACTED AREA (ACRES)	TOTAL FILL BELOW ORDINARY HIGH WATER MARK IN EXISTING WATER COURSE (CUBIC YARDS)
UNNAMED STREAM	1099+22.858 Rt.	1101+60.000 Rt.	6	779	874	0.14	149

WETLAND IMPACT TABLE

WETLAND STATION	TYPE	EXISTING WETLAND AREA (ACRES)	IMPACTED WETLAND AREA (ACRES)
STA. 1097+50	PFO	3.59	0.47
STA. 1098+50	PEM/PFO	0.89	0.78

UNNAMED INTERMITTENT STREAM CHANNEL MODIFICATION 6

PROPOSED CL OF SOUTHBOUND US HIGHWAY 95

PROPOSED CL OF NORTHBOUND US HIGHWAY 95

WETLAND TYPES

- PEM
- PALUSERINE FORESTED
- PALUSERINE EMERGENT
- POWERS
- PALUSERINE OPEN WATER WETLAND

GRAPHIC SCALE

0 50 100 150 200 FEET

TRANSPORTATION DEPARTMENT



NH-4110(133)

US-95 TOP OF LEWISTON HILL TO GENEESE

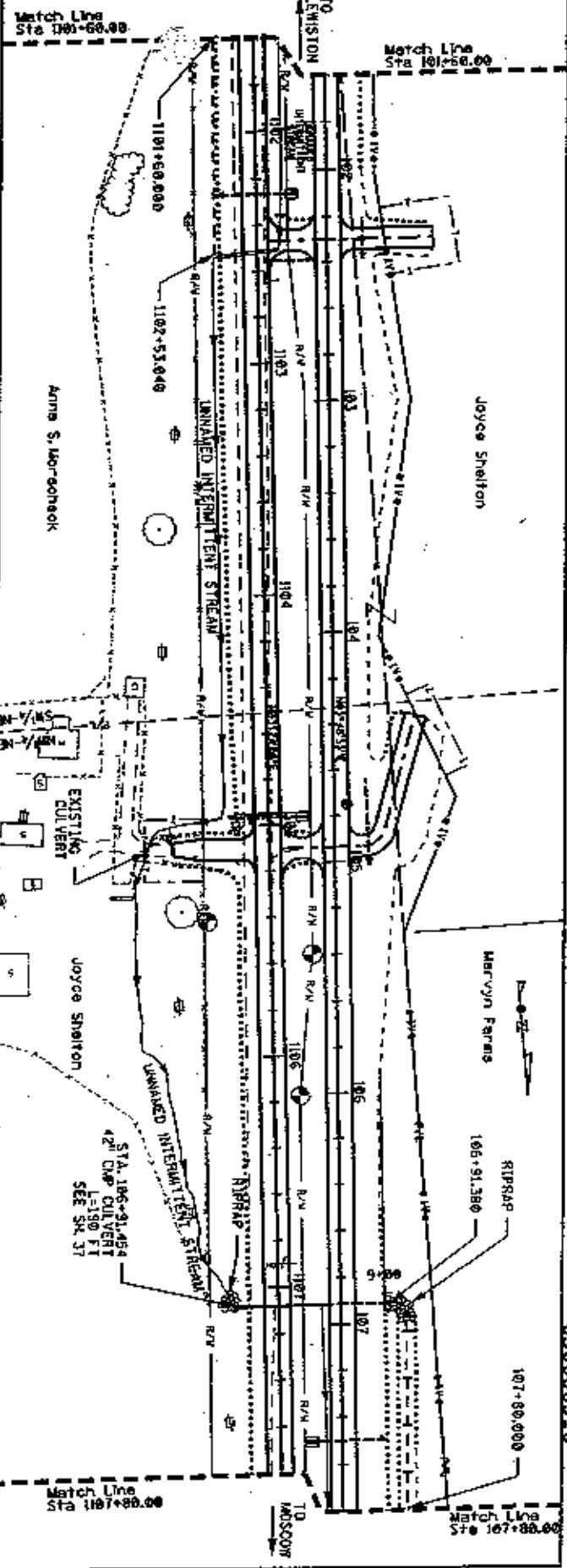
metRIC

COUNTY
NEZ PERCE & LATAH
KEY NUMBER
7769

DATE: JULY 8, 2003

CAO FILE NAME:
1000039/404.PERM1/7769PD14.DGN

03060510



CREEK OR STREAM NAME	BEGIN STATION OF CHANNEL CHANGE	END STATION OF CHANNEL CHANGE	PROPOSED REPLACEMENT CHANNEL CHANGE SECTION NO.	TOTAL LENGTH FEET	TOTAL IMPACTED AREA ACRES	TOTAL FILL BELOW ORDINARY HIGH WATER MARK IN EXISTING WATER COURSE FEET	UNPARED INTERMITTENT STREAM	
							CULVERT LENGTH FEET	WATER COURSE (Cubic Yards)
UNNAMED STREAM	1181+66.000 ft.	1182+53.019 ft.	6	307	293	6.05	50	
UNNAMED STREAM	1165+91.360 ft.	1171+00.000 ft.	7	521	410*	0.97*	70*	

* THESE FIGURES WERE CALCULATED FROM THE RISE OF THE EXISTING HIGHWAY CROSS CULVERT.

CL 95
CL 95
PROPOSED
SOUTH HIGHWAY
US 95
PROPOSED
NORTHBOUND
US HIGHWAY
US 95

UNNAMED INTERMITTENT STREAM CHANNEL MODIFICATION 6 ◊

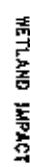
CHANNEL CHANGE TYPE 7

POWWY
PEFO
PALUERINE FORESTED
PALUERINE OPEN WATER WETLAND

WETLAND TYPES

PEFO
PALUERINE EMERGENT

WETLAND IMPACT AREA



POWWY

PEFO

PALUERINE FORESTED

PALUERINE OPEN WATER WETLAND

LEGEND

FLOWLINE OF EXISTING WATER COURSE
CHANNEL CHANGE ALIGNMENT

PROPOSED FILL SLOPE
PROPOSED CUT SLOPE

PROPOSED CULVERT
TEMPORARY EASEMENT

PROPOSED RIGHT-OF-WAY
RUPSHAP INSTALLATION

WETLAND AREA
WETLAND IMPACT AREA

GRAPHIC SCALE
0.50 100 150 200
FEETIDAHO
TRANSPORTATION
DEPARTMENT

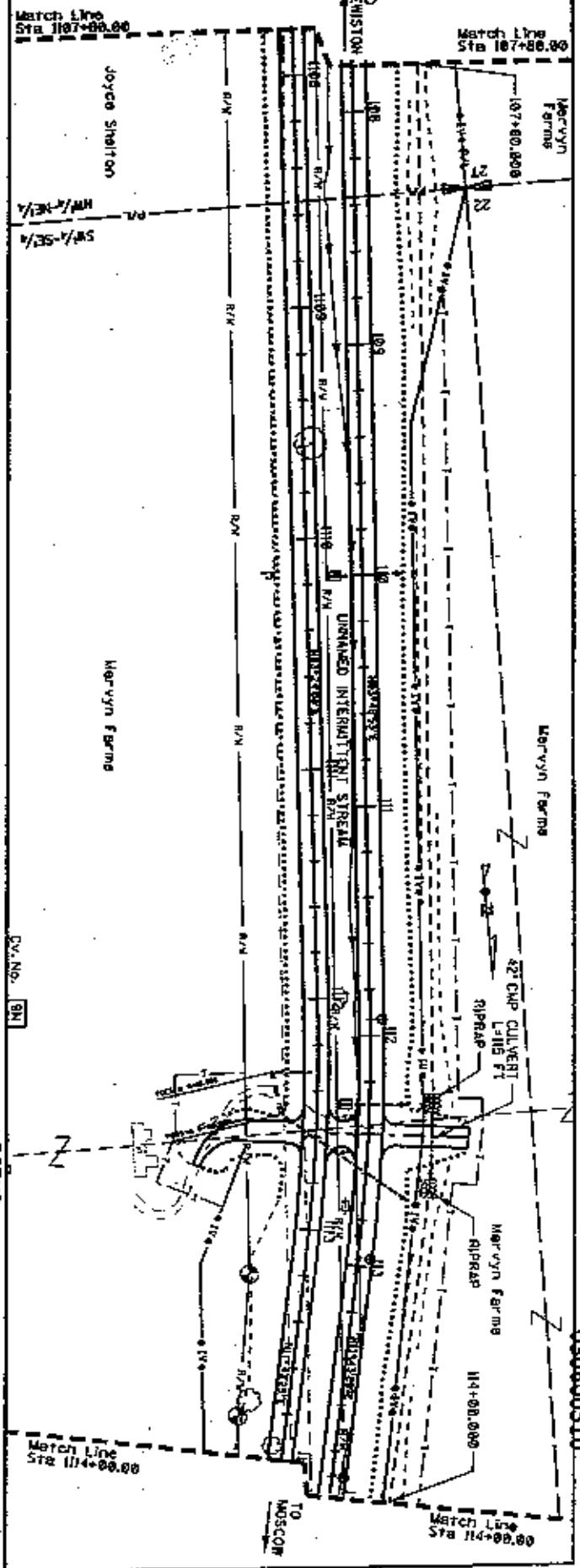
NH-4110(133)

PROJECT NO.

PLAN

SPECIFIC

US-95 TOP OF LEWISTON HILL
TO GENESSEE



CREEK AND STREAM IMPACT TABLE

CREEK OR STREAM NAME	BEGIN STATION OF CHANNEL CHANGE	END STATION OF CHANNEL CHANGE	PROPOSED REPLACEMENT CHANNEL CHANGE TYPICAL SECTION NO.	TOTAL REPLACEMENT CHANNEL CHANGE/ CULVERT LENGTH (FEET)	TOTAL IMPACTED LENGTH (FEET)	TOTAL IMPACTED AREA (ACRES)	ORDINARY HIGH WATER MARK IN EXISTING WATER COURSE (CUBIC YARDS)	CIV. NO. 611	
								IMPACTED AREA (ACRES)	TOTAL FILL BELOW ORDINARY HIGH WATER MARK IN EXISTING WATER COURSE (CUBIC YARDS)
UNNAMED STREAM	107+80.000 L+	114+00.000 L+	7	2046	2044	0.33	348		

LEGEND

- FLOWING OF
EXISTING WATER COURSE
- CHANNEL CHANGE ALIGNMENT
- PROPOSED FILL SLOPE
- PROPOSED CUT SLOPE
- PROPOSED CULVERT
- TEMPORARY EASEMENT
- PROPOSED RIGHT-OF-WAY
- RIPRAP INSTALLATION
- WETLAND AREA
- WETLAND IMPACT AREA

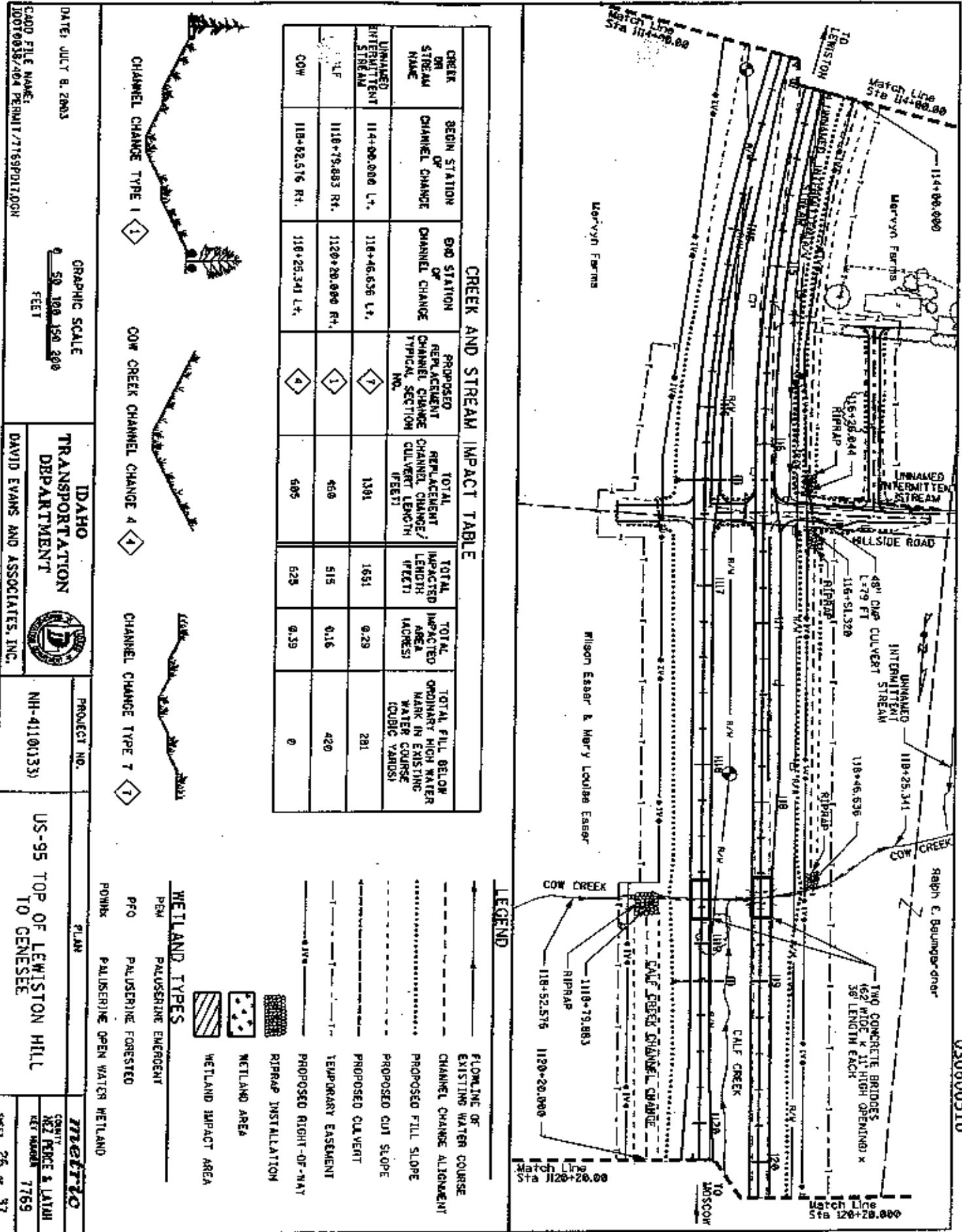
CHANNEL CHANGE TYPE 7

WETLAND TYPES

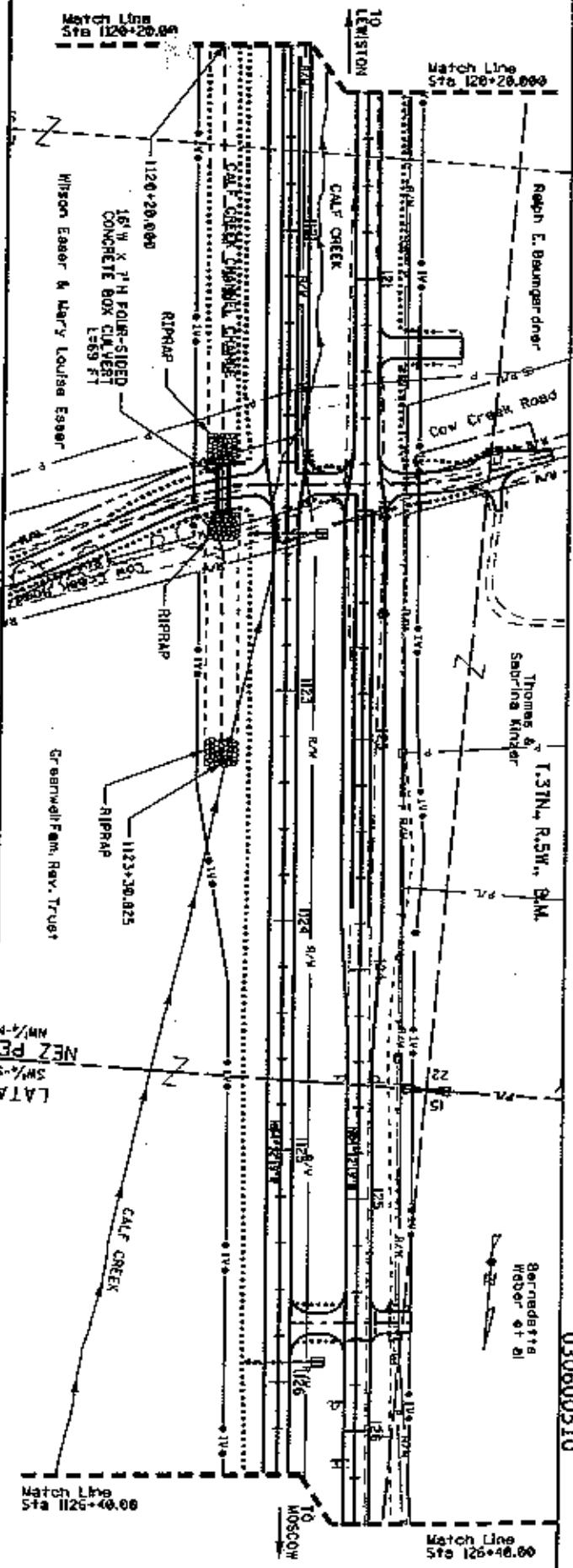
- PEM
PALUSTRINE EMERGENT
- PFO
PALUSTRINE FORESTED
- PONIX
PALUSTRINE OPEN WATER WETLAND

GRAPHIC SCALE 450 100 50 FEET	IDAHO TRANSPORTATION DEPARTMENT	PROJECT NO. NH-4110133	PLAN	MATERIAL COUNTY NE PERE & LATH REF NUMBER 7769
DATE: JULY 6, 2003	CARD FILE NAME: PERMIT/TTS/EPD/DOH IOT0538404			
DAVID EVANS AND ASSOCIATES, INC.				

030600510



030600510

Bonneville
Weber & GMatch Line
Sta 126+28.00Match Line
Sta 126+48.00Match Line
Sta 126+28.00Match Line
Sta 126+48.00

GREEK AND STREAM IMPACT TABLE

GREEK OR STREAM NAME	BEGIN STATION OF CHANNEL CHANGE	END STATION OF CHANNEL CHANGE	PROPOSED REPLACEMENT CHANNEL CHANGE / TYPICAL SECTION NO.	TOTAL LENGTH (FEET)	TOTAL IMPACTED LENGTH (FEET)	TOTAL IMPACTED AREA (ACRES)	TOTAL FILL BELOW ORDINARY HIGH WATER MARK IN EXISTING WATER COURSE (CUBIC YARDS)
CALF	1126+28.000 Lt.	1123+30.025 Lt.	1	1019	946	0.30	111

LEGEND

- FLUME OF EXISTING WATER COURSE
- CHANNEL CHANGE ALIGNMENT
- PROPOSED FILL SLOPE
- PROPOSED CUT SLOPE
- PROPOSED CULVERT
- TEMPORARY EASEMENT
- PROPOSED RIGHT-OF-WAY
- RIPRAP INSTALLATION
- WETLAND AREA
- WETLAND IMPACT AREA

WETLAND TYPES



PEM PAUSERING EMERGENT



PFO PAUSERING FORESTED

WETLAND IMPACT AREA

GRAPHIC SCALE

1:50 100 150 200 FEET

DATE: JULY 8, 2003

CADD FILE NAME: 00000344.DWG PROJECT/7769DD.DGN

TRANSPORTATION DEPARTMENT

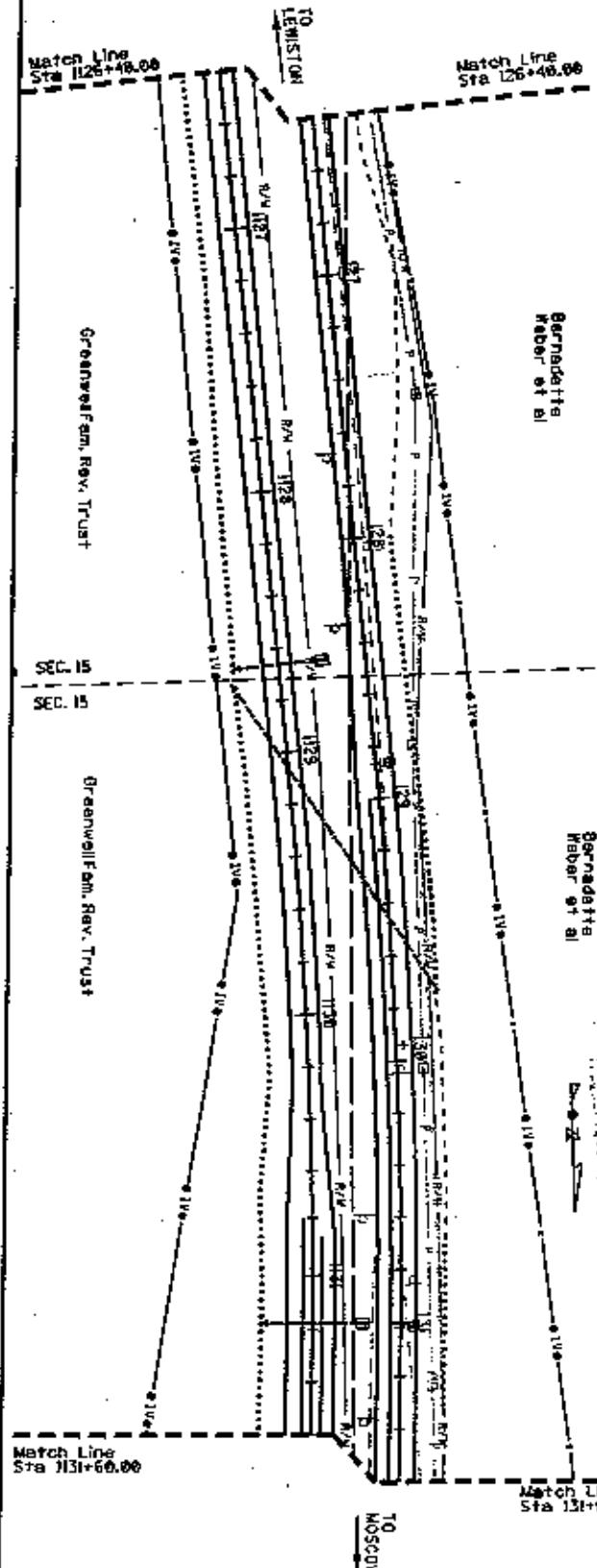


NH-4110133

US-95 TOP OF LEWISTON HILL TO GENESEE

DAVID EVANS AND ASSOCIATES, INC.

030600510

LEGEND

FLOWING OF
EXISTING WATER COURSE

CHANNEL CHANGE ALIGNMENT

PROPOSED FILL SLOPE

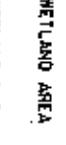
PROPOSED CUT SLOPE

PROPOSED CLAWERTY

TEMPORARY EASEMENT

PROPOSED RIGHT-OF-WAY

RIprap Installation



WETLAND AREA

WETLAND TYPES

PEM PALUSERINE EMERGENT

PFO PALUSERINE FORESTED

POWK PALUSERINE OPEN WATER WETLAND

WETLAND IMPACT AREA

GRAPHIC SCALE

0 50 100 150 200
FEET

IDAHO
TRANSPORTATION
DEPARTMENT



1998

US-95 TOP OF LENISTON HILL
TO GENESEE

PROJECT NO. PLAN METRIC

NH-4110(133)

DAVID EVANS AND ASSOCIATES, INC.

DATE: JULY 8, 2003

CADD FILE NAME: PERMIT/7759PD19.GEN
10008332404 PERMIT/7759PD19.GEN

Bernadette
Heber et al

Grenadette
Weber et al

0306030510

Kant & Marcella Broemeling

Kent & Marcella Broemeling
 STA 137+88.000
 30' CULVERT
 L=220 FT

Match Line Sta 137+88.000

TO
LEWISTON

T.3N., R.5M., B.M.

GENESEE AVENUE

CULVERT

TO
MOSCOW

1144

CALF CREEK

WETLAND

STA 1140+65

W/3M-P/WN

W/35-Y/WN

Raymond J. Griseer and Nancy Griseer

N = 54-156.534

E = 50-040.962

Southbound Lane

N = 54-156.534

E = 50-040.962

Northbound Lane

Match Line
Sta 137+88.000

Donald
& Debra
Becker

WETLAND
STA 1140+65

GENESEE AVENUE
 STA 1140+65
 W/3M-P/WN
 W/35-Y/WN

N = 54-156.534
 E = 50-040.962
 Raymond J. Griseer and Nancy Griseer
 N = 54-156.534
 E = 50-040.962 Northbound Lane

LEGEND

END PROJECT NH-4110(133)
 STA. 142+06.47 Southbound
 STA. 142+24.849 Northerbound
 STA. 142+93.940 Southbound
 STA. 142+00.239 Northerbound of
 HPP 330.94

N = 54-156.534
 E = 50-040.962 Southbound Lane
 N = 54-156.534
 E = 50-040.962 Northbound Lane

N = 54-156.534
 E = 50-040.962 Northbound Lane

FLOWLINE OF
EXISTING WATER COURSE

CHANNEL CHANGE ALIGNMENT

PROPOSED FILL SLOPE

PROPOSED CUT SLOPE

PROPOSED CULVERT

TEMPORARY EASEMENT

PROPOSED RIGHT-OF-WAY

RIPRAP INSTALLATION

WETLAND AREA

WETLAND IMPACT AREA

WETLAND TYPES

PEM PALUSERINE EMERGENT

PFO PALUSERINE FORESTED

POFK PALUSERINE OPEN WATER WETLAND

GRAPHIC SCALE

0 50 100 150 200

FEET

IDAHO
TRANSPORTATION
DEPARTMENT

PROJECT NO.

PLAN

MEASUREMENT

COUNTY

NEZ PERCE & LAKOTA

KEY NUMBER

7769

DATE: JULY 8, 2003

CAM FILE NAME:
IDOT8638/404 PERMIT/71690D21.DGN

IDOT8638/404 PERMIT/71690D21.DGN

DAVID EVANS AND ASSOCIATES, INC.

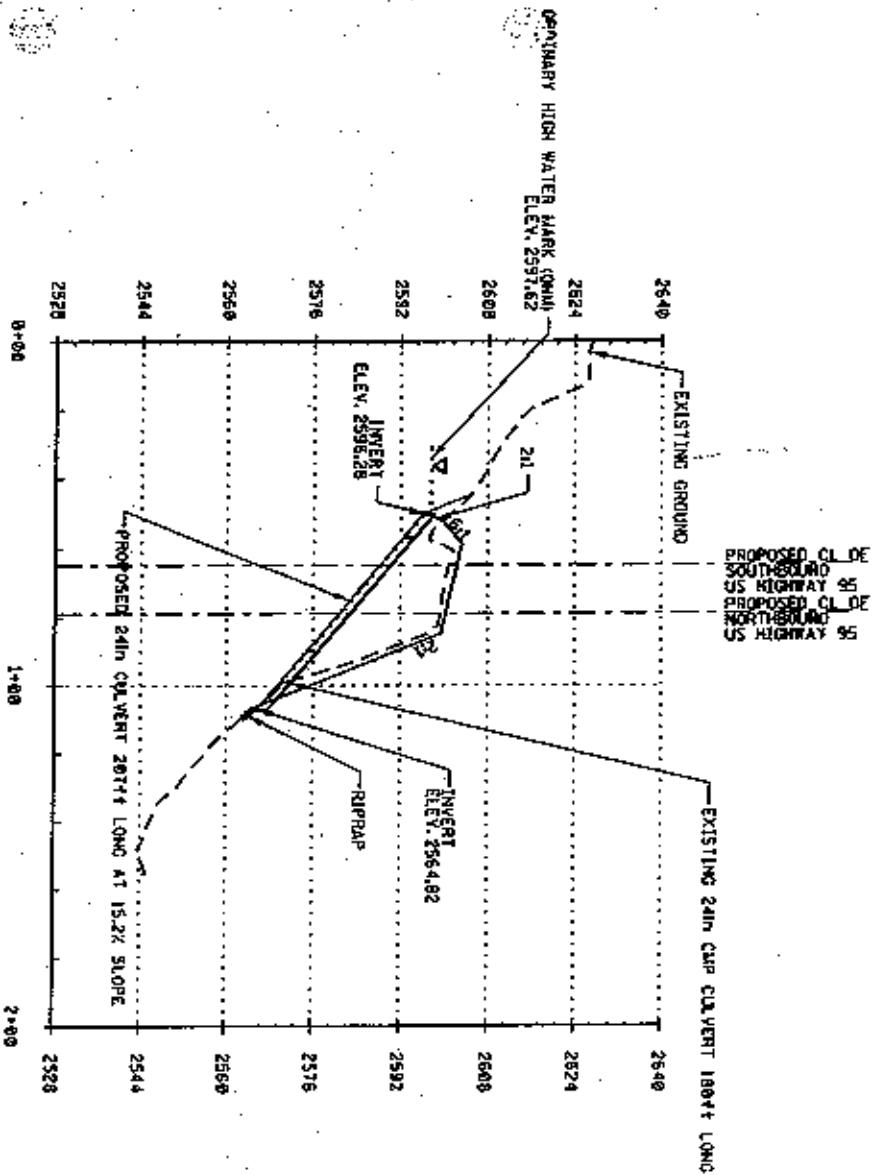
NH-4110(133)

US-95 TOP OF LEWISTON HILL

TO GENESEE

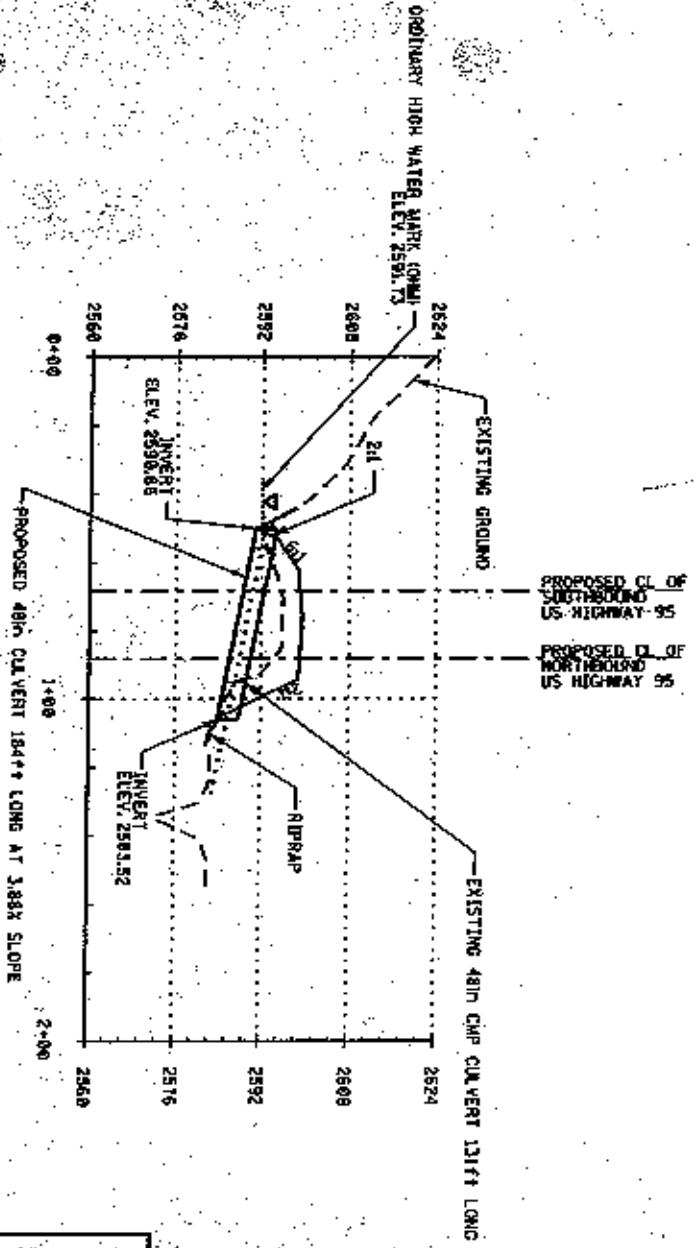
SERIAL 30 p 37

030600510

CULVERT CROSS SECTION STA. 18+28.789

PURPOSE:	INSTALL CROSS DRAIN FOR HIGHWAY CROSS DRAIN FOR
CREEK/STREAM NAME:	N/A
NEAR:	CITY OF LEWISTON AND GENESSEE
COUNTY:	LATAH & NEZ PERCE
STATE:	IDAHO
APPLICANT:	IDAHO TRANSPORTATION DEPARTMENT

IDAHo TRANSPORTATION DEPARTMENT	PROJECT NO.	PLAN	Metric
	NH-4110(133)	US-95 TOP OF LEWISTON HILL TO GENESSEE	COUNTY NEZ PERCE & LATAH MATERIAL ASPHALT ACCOMMODATION IMPACT ZONE:
HIGH WATER: 2599.47 (Q 25) LOW WATER: DRY TOTAL LENGTH NOT ACCURATE FOR IMPACT ZONE: 0.01 ACRES			
DATE: JULY 5, 2003 CADD FILE NAME: IDOT0638404 PERMIT #7769CDLJDN			
DAVID EVANS AND ASSOCIATES, INC.			



CULVERT CROSS SECTION STA. 20+58.593

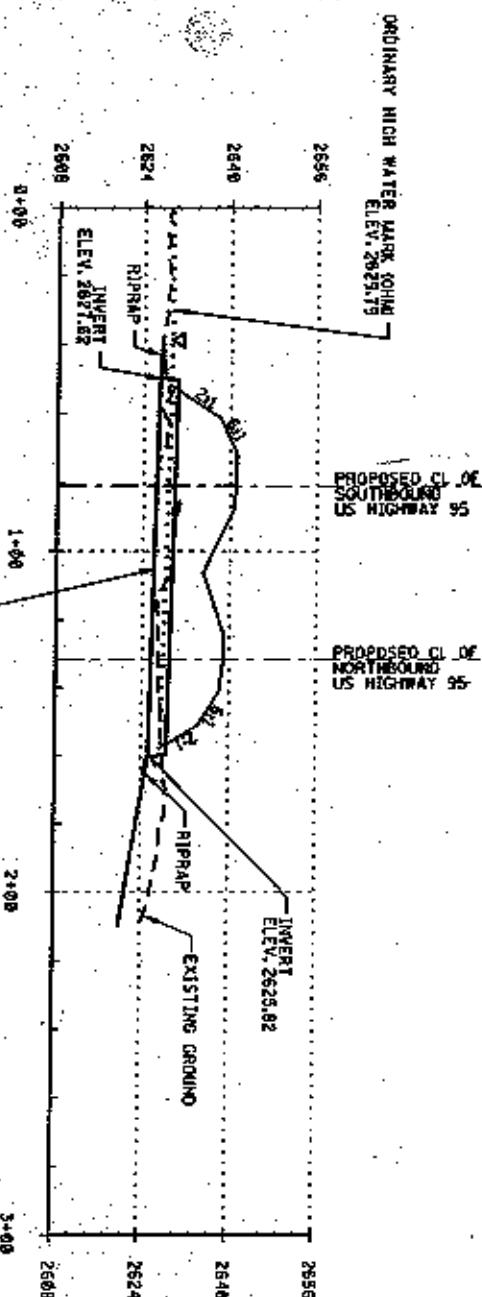
APPLICANT

IDAHo TRANSPORTATION DEPARTMENT

IDAHo TRANSPORTATION DEPARTMENT	PROJECT NO.	PLAN	MATERIAL
NH-4110(133)	US-95 TOP OF LEWISTON HILL TO GENESEE	SUBMIT MIL PEGE & LATIN BY AUGUST 7769	

DATE: JULY 5, 2003
CADD FILE NAME: PERMIT/7769C002.DCN
IDOT0058/004

030600510



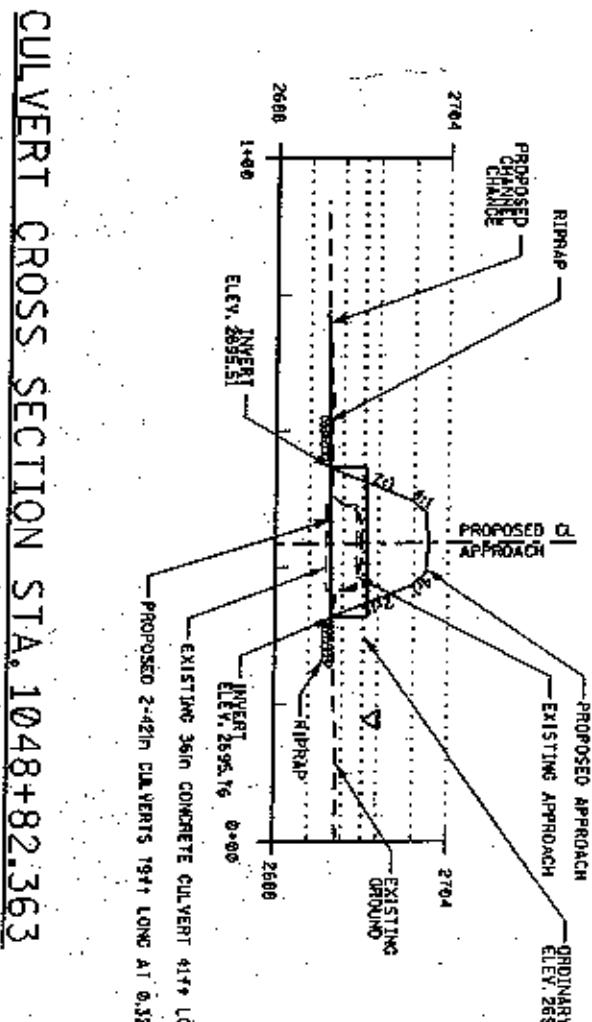
PROPOSED 2-48IN CULVERTS 35FT LONG AT 0.52% SLOPE

CULVERT CROSS SECTION STA. 30+12.132

DATE: JULY 6, 2003	TRANSPORTATION DEPARTMENT	PROJECT NO. NH-4110(133)
CADD FILE NAME: IDOTB33/404 PERMIT/716ACCD01JDN	US-95 TOP OF LEWISTON HILL TO GENESEE	STATE: IDAHO CITY: LEWISTON & NEZ PERCE COUNTY: LATAH & NEZ PERCE MILE: 33.00 ACRES APPLICANT: IDAHO TRANSPORTATION DEPARTMENT

PURPOSE:	INSTALL CROSS DRAIN FOR HIGHWAY
CREEK/STREAM NAME:	NA
NEAR:	CITY OF LEWISTON AND GENESEE
COUNTRY:	LATAH & NEZ PERCE
STATE:	IDAHO
HIGH WATER:	2632.94 (0.25)
LOW WATER:	DRY
TOTAL WETLAND NOT COUNTED FOR WILDLAND QUALITY FIGURES:	0.00 ACRES
PLAN:	METRIC
	COUNTY: NEZ PERCE & LATAH REV NUMBER: 7769 Sheet 33 of 37

030600510



DATE	JULY 8, 2003	TRANSPORTATION DEPARTMENT	PROJECT NO.	PLAN	MATERIAL
CARD FILE NAME	DAVID EVANS AND ASSOCIATES, INC.	NH-41101133	US-95 TOP OF LEWISTON HILL TO GENESEE	CDW REV. 8/98 & LATAH REV. NUMBER 7769	SHEET 34 OF 37
CROSS SECTION DATA					
HIGH WATER	2102.50 (0.25)	LOW WATER	DRY	IMPACT AREA	NOT ACCURATE
IMPACT PERIOD	IMPACT PERIODS	IMPACT FIGURES	0.01 ACRES		

030600510

2788

PROPOSED APPROACH
EXISTING APPROACH
2789RDWY HIGH WATER MARK (OMNI)
REV. 2774.77

RIPRAP

PROPOSED APPROACH
EXISTING APPROACH
2789

RIPRAP

RIPRAP

2772

2776

2772

ELEV. 2772.89

ELEV. 2773.61

2776

1+00

0+00

0+00

0+00

0+00

0+00

0+00

0+00

PROPOSED 18IN CMP CULVERT 29ft LONG
EXISTING 18IN CMP CULVERT 29ft LONG**CULVERT CROSS SECTION STA. 78+68.655****PURPOSE:**INSTALL SIDE DRAIN FOR
HIGHWAY APPROACH**STREAM NAME:**

PATWAI CREEK

NEARS:

CITY OF LEWISTON AND GENESEE

COUNTRY:

NATAH & NEZ PERCE

STATE:

IDAHO

APPLICANT:

IDAHO TRANSPORTATION DEPARTMENT

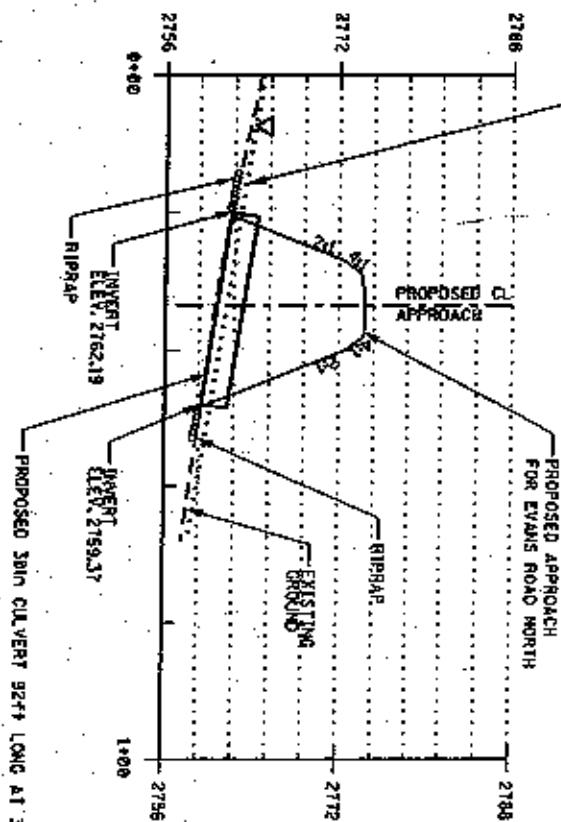
HIGH WATER: 2775.64 (0.25)
LOW WATER: DRYTOTAL WELL AND
IMPACT AREAS
NOT ACCURATE
FOR IMPACT FIGURES.
0.01 ACRES**TRANSPORTATION**


DATE: JULY 6, 2003

CADD FILE NAME: PERMIT/7779CD06.DCN
DOD:634/404**DEPARTMENT**
DAVID EVANS AND ASSOCIATES, INC.

PROJECT NO.	PLAN	METRIC
NH-4110133	US-95 TOP OF LEWISTON HILL TO GENESEE	COUNTY NEZ PERCE & LATAH REV NUMBER 7769

ORDINARY HIGH WATER MARK EL. 2763.84'

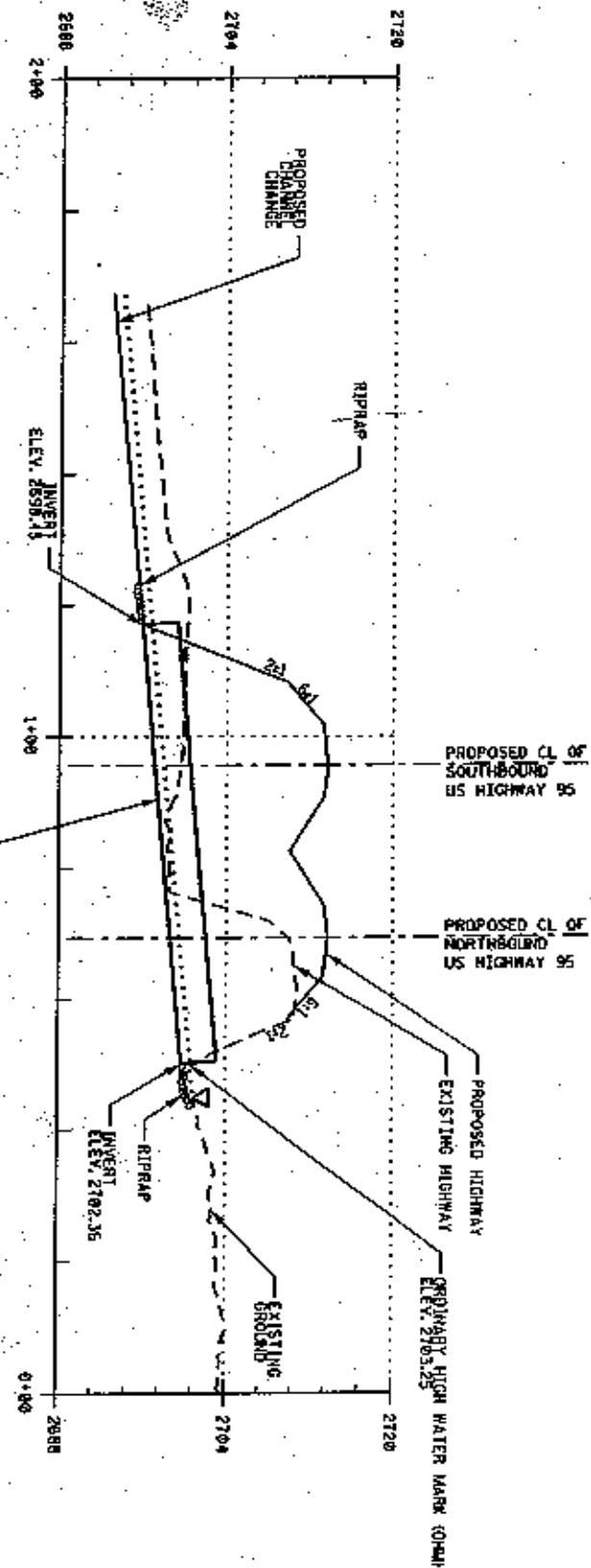


CULVERT CROSS SECTION STA. 1097+57.581

PURPOSE	INSTALL SIDE DRAIN FOR HIGHWAY APPROACH
CREEK / STREAM NAME	UNNAMED INTERMITTENT STREAM
NEAR	CITY OF LEWISTON AND GENESEE
COUNTY	LATAH & NEZ PERCE
STATE	IDAHO
APPLICANT	IDAHO TRANSPORTATION DEPARTMENT
HIGH WATER	2764.32 (0.25)
LOW WATER	DRY
TOTAL WETLAND IMPACT AREA AND NUMBER OF ACRES FOR WHICH FEE FOR APPROVAL IS REQUESTED	0.01 ACRES
TOTAL WETLAND IMPACT AREA AND NUMBER OF ACRES FOR WHICH FEE FOR APPROVAL IS REQUESTED	
PROJECT NO.	PLAN
TRANSPORTATION DEPARTMENT	Metric
DAVID EVANS AND ASSOCIATES, INC.	MM-4110133
US-95 TOP OF LEWISTON HILL TO GENESEE	
SHEET 36 OF 37	

DATE: MAY 6, 2003

CADD FILE NAME: IDOT-0038404 PERMIT/7769CD001.DCN



CULVERT CROSS SECTION STA. 106+91.454

PURPOSE: INSTALL CROSS DRAIN FOR HIGHWAY

CREEK/
STREAM NAME: UNNAMED INTERMITTENT STREAM

NEAR: CITY OF LEWISTON AND GENEESE,
COUNTY: LATAH & NEZ PERCE
STATE: IDAHO

APPLICANT: IDAHO TRANSPORTATION DEPARTMENT

HIGH WATER: 2704.13 (0.25)
LOW WATER: DRY
TOTAL WETLAND
IMPACT AREA:
NOT ACCOMMODATED
FOR INFLUENT
IMPAIR FLUVIATES:

0.02 ACRES

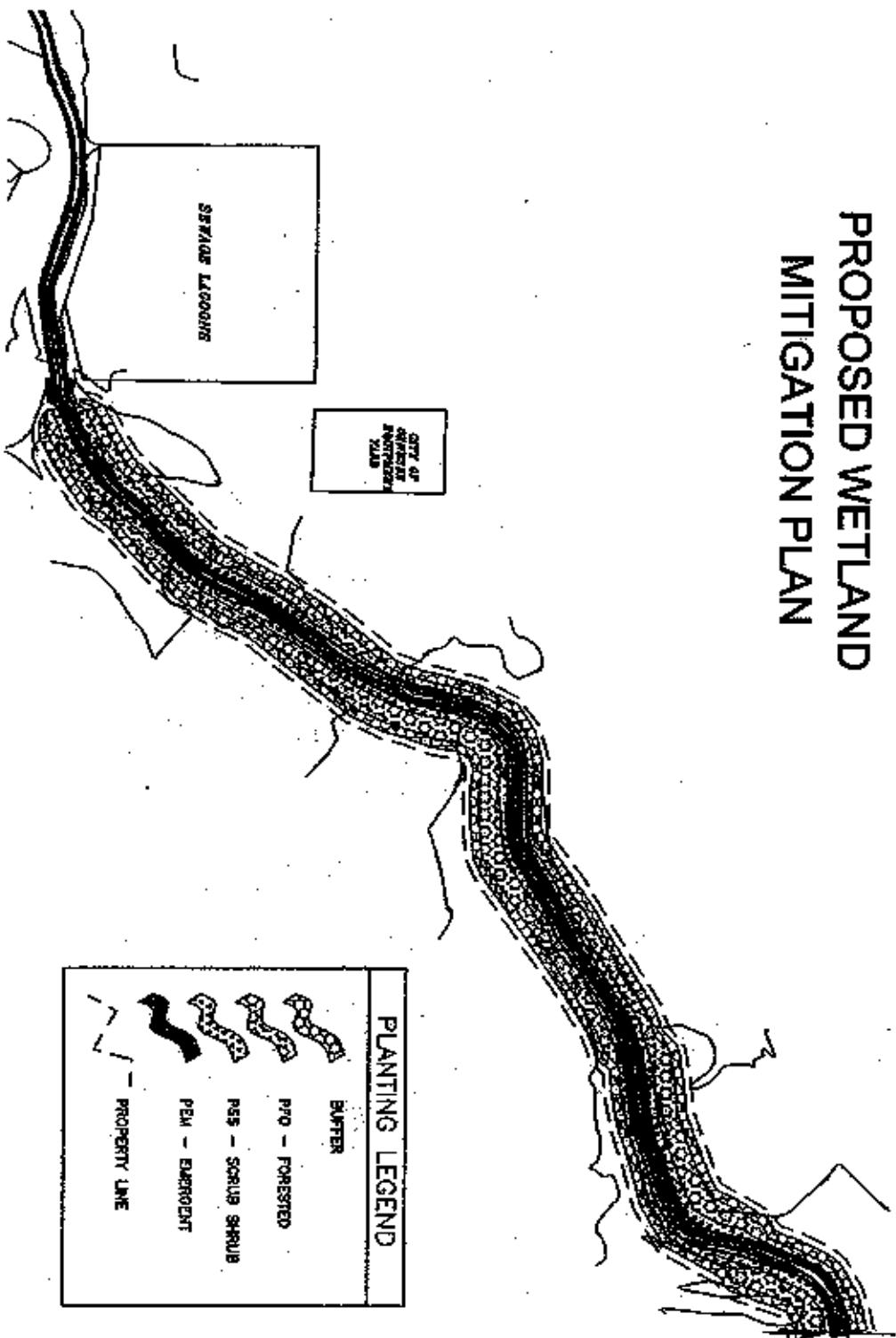
PROJECT NO. PLAN

TRANSPORTATION
DEPARTMENT

NH-4110(133) US-95 TOP OF LEWISTON HILL TO GENEESE

DATE: JULY 9, 2003
CADD FILE NAME: IDOT0034/404 PERMIT/77690008.DCN
DAVID EVANS AND ASSOCIATES, INC.

PROPOSED WETLAND MITIGATION PLAN



PURPOSE: MITIGATE FOR FILLING OF WETLANDS ALONG THE US93 HIGHWAY IMPROVEMENTS.

DIRECTIONS TO SITE: FROM MOSCOW, IDAHO, SOUTH ON US93 APPROXIMATELY 13 MILES, NORTHEAST 0.5 MILES ON COW CREEK ROAD, SOUTH 1500 FEET ON HOMSCHICK ROAD TO COW CREEK.

DATELINE NAVD 88

ARMAMENT PROPERTY OWNERS: BECKER FAMILIES

PROJECT TITLE: TOP OF LEMSTON HILL TO GENEESE AND GENEESE TO MOSCOW

ASSISTANCE BY: ENTRANCO

SCALE: M.T.S.

DRAWN BY: TOP

PROPOSED WORK: CREATE 10 ACRES OF WETLAND ADJACENT TO COW CREEK, STABILIZE STREAM CHANNEL AND FLOOD PLAIN.

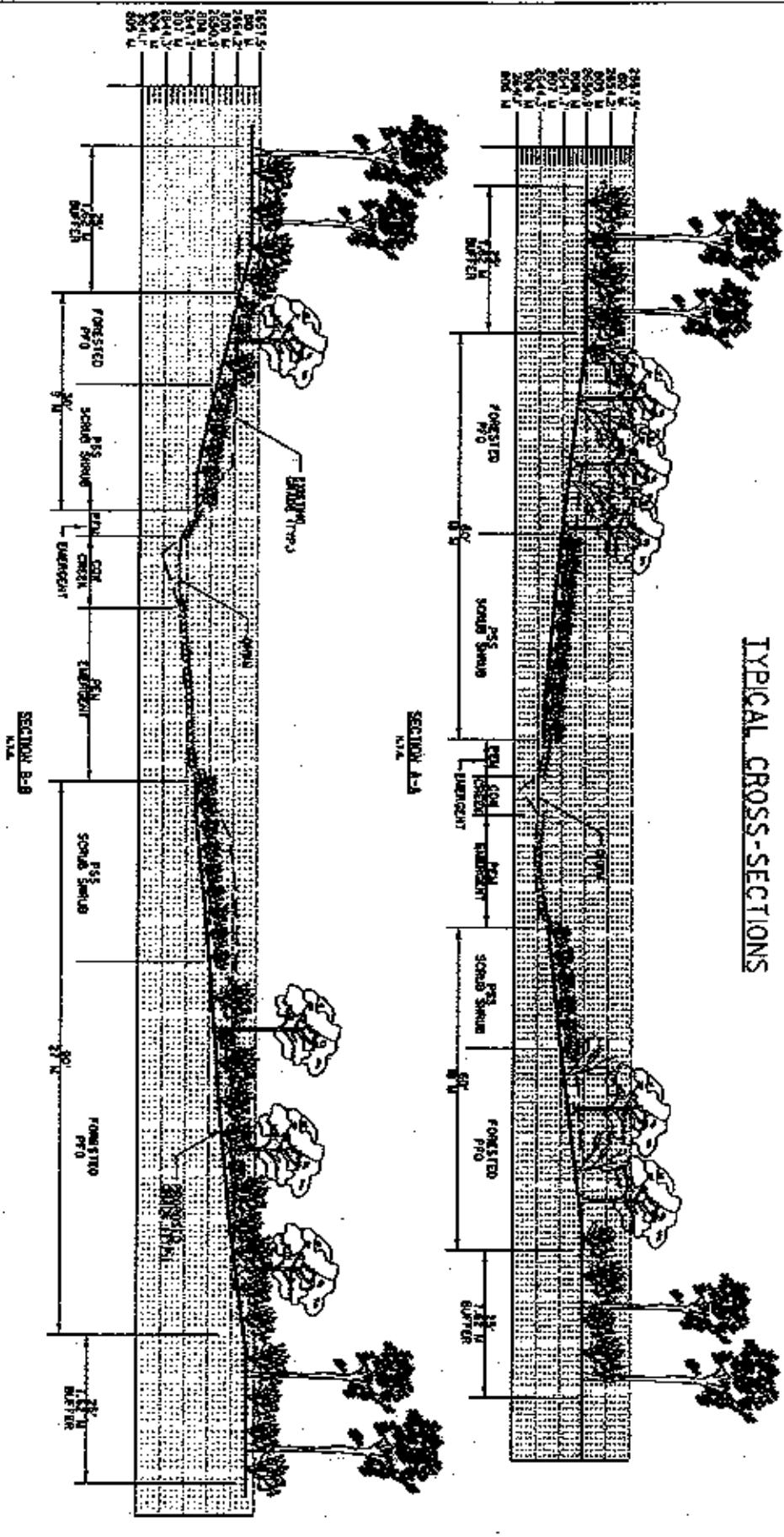
FIGURE

ATT: GENEESE, IDAHO

DATE: JUNE 2003

PROPOSED WETLAND MITIGATION PLAN

TYPICAL CROSS-SECTIONS



PURPOSE: MITIGATE FOR FILLING OF WETLANDS ALONG THE COW CREEK IMPROVEMENTS.

DIRECTIONS TO SITE: FROM MOSCOW, IDAHO, SOUTH ON USFS APPROXIMATELY 1.5 MILES, NORTHEAST 0.6 MILES ON COW CREEK ROAD, SOUTH 1600 FEET ON MOSCOW ROAD TO COW CREEK.

PROJECT TITLE: TOP OF LENOIR HILL TO GENESEE AND GENESEE TO MOSCOW

ASSISTANCE BY: ENTRANCE

SCALE: N.T.S.

DATE: JUNE 2001

PROPOSED: PROPS. CREATE 10 ACRES OF WETLAND ADJACENT TO COW CREEK, STABILIZE CHANNEL
FIGURE:
AT: GENESEE, IDAHO